Protected Forest Land Calculation Sheet

Forest Land proposed for Exit/Entry and Middle of Indian Oil Corporation Ltd
Retail Outlet on Bisalpur-Bilsanda Road (Road No-62PA), Khasra No.568
Village: Charkhola, Tehsil: Bisalpur, District: Pilibhit, Uttar Pradesh

Area as per Approved Layout Plan.
Entry to Petrol pump = Curve Polygon (ABA1) + Polygon (B B1 A2 A1)
$$= 36.34 + (30.53 * 11.5) \text{ sqm}$$
$$= (36.34 + 351.095) \text{ sqm}$$
$$= 387.435 \text{sqm}$$

.Curve Radius = 13*13= 169
$$\pi r^2/4 = 3.14 * 13 * 13/4$$
$$= 132.66$$
Area of Curve Polygon = 169-132.66
=36.34 sqm

Protected Forest land B/W Entry/Exit = Polygon (B1 C1 D2 A2) =
$(30.53*12)$sqm
Protected Forest land B/W Entry/Exit = 366.36sqm

Exit from Petrol Pump = Polygon (C1 C D1 D2) + Polygon Curve (C D D1)
$$= (11.5*30.53 \text{sqm} + 36.34 \text{ sqm})$$
$$= (351.095 \text{sqm} + 36.34 \text{ sqm})$$
Protected Forest Area for Exit from Petrol Pump= 387.435sqm

Total Proposed Protected Forest Area for Diversion
= 387.435sqm (Entry) + 366.36sqm (Forest Area B/W Entry & Exit) + 387.435sqm
(Exit)
$$= (387.435+366.36+387.435) \text{ sqm}$$
$$= 1141.23 \text{sqm}$$
$$= 0.114123 \text{ Ha}$$

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वरिष्ठ प्रबंध (रिटेल सेल्स) /Sr. Manager (Retail Sales)
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