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
$$= 36.34 \text{ sqm}$$

Protected Forest land B/W Entry/Exit = Polygon (B1 C1 D2 A2) =
$$(30.53 * 12) \text{sqm}$$
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)
$$= (387.435 + 366.36 + 387.435) \text{ sqm}$$
$$= 1141.23 \text{sqm}$$
$$= 0.114123 \text{ Ha}$$

Non Forest Land	=	35*35
	=	1225 sqm
	=	0.1225 ha.

प्रतिहस्ताक्षरित
प्रभागीय ...
वन एवं वन्य जीव प्रभाग
पीलीभीत

कुमार विभाष
वरिष्ठ प्रबंधक (रिटेल सेल्स)
इंडियन ऑयल कार्पोरेशन लिमिटेड (एम.क्री.)
बरेली मंडल कार्यालय
35-ए. शिविर लाइन्स, कमला नेहरू मार्ग,
बरेली-243001 (उ०प्र०)