

Protected Forest Land Calculation Sheet

Proposed Forest Land for Exit/Entry of BPCL Retail Outlet on Hardoi-Balamau Road (SH-25), At Arazi No.899, Village: Ballipur, Pargana-Bangar, Tehsil: Hardoi, District: Hardoi,(Uttar Pradesh)

Area As per Approved Layout Plan.

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

$$= 36.34+ (19.37*11.5)sqm$$

$$= (36.34+222.755)sqm$$

$$=259.095sqm$$

$$\text{Curve Radius}= 13*13= 169$$

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

$$=132.66$$

$$\text{Area of Curve Polygon}= 169-132.66$$

$$36.34SQM$$

$$\text{Protected Forest Land B/W Entry /Exit}= \text{Polygon (B1 C1 D2 A2)} = (19.37*12.0)sqm$$

$$\text{Protected Forest Land B/W Entry and Exit} = 232.32sqm$$

$$\text{Exit from Petrol Pump}= \text{Polygon (C1 C D1 D2)} + \text{Polygon Curve (C D D1)}$$

$$= (19.37*14.0sqm+36.34sqm)$$

$$=(222.755+36.34)sqm$$

$$\text{Protected Forest Area for Exit from Petrol Pump}=260.245sqm$$

Total Proposed Protected Forest Area for Diversion

$$= 259.095sqm \text{ (Entry)} + 232.32sqm \text{ (Forest Area B/W Entry \& Exit)} + 260.245sqm \text{ (Exit)}$$

$$= (259.095+232.32+259.095)sqm$$

$$= 750.51sqm$$

$$= 0.075051Ha$$

$$\text{Non Forest Area is As Per Layout Plan} = 35MX(29.14+35.1)/2M$$

$$=35MX32.12$$

$$=1124.2SQM$$

$$=0.11242Ha$$


(प्राधिकृत हस्ताक्षर कर्ता)
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