Area Calculation Sheet

Proposed Non Forest Land in Pilibhit Tiger Reserve to be diverted for entry/exit to HPCL Retail Outlet on Pilibhit-Madhotanda Road, in KM 2 (Ch. 1.396 to 1.439), at Gata No 288, Vill-Chidaiyadeh, Tehsil & Distt Pilibhit (Uttar Pradesh)

Area as per Approved Layout Plan.

Entry to Petrol pump = Curve Polygon (ABA1) + Polygon (B B1 A2 A1) = 36.34 + (12 * 14.79) sqm = (36.34 + 177.48) sqm = 213.82 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

Non Forest land B/W Entry/Exit = Polygon (B1 C1 D2 A2) = (13*14.79)sqm Non Forest land B/W Entry/Exit = 192.27 sqm

Exit from Petrol Pump = Polygon (C1 C D1 D2) + Polygon Curve (C D D1) = (10*14.79sqm + 36.34 sqm) = (147.90sqm + 36.34 sqm) Protected Forest Area for Exit from Petrol Pump= 184.24 sqm

Retail Outlet Private Land

= Base*Hight = 35 x 30 = 1050 sqm

Total Proposed Non Forest Area for Diversion

= 213.82 sqm (Entry) + 192.27 sqm (Area B/W Entry & Exit) + 184.24 sqm (Exit)

+ 1050 sqm (Private Land)

= (213.82+192.27+184.24+1050) sqm

= 1640.33 sqm

= 0.164033 Ha.

Or = 0.16403 Ha.

अविनीश जेन उप महाप्रवन्धक-रिटेल लखनऊ क्षेत्रीय कार्यालय हिन्दुस्तान पेट्रोलियम कॉर्पोरेशन लि0