

5

$$N = N(h) + K_1 h + K_2 h^2 + K_3 h^3 + \dots$$

$$N(h) = N - K_1 h - K_2 h^2 - K_3 h^3 - \dots$$

$$N(h_3) = N - K_1 \frac{h}{3} - K_2 \frac{h^2}{9} - K_3 \frac{h^3}{27} - \dots$$

$$\frac{1}{3} N(h) = \frac{1}{3} N - \frac{1}{3} K_1 h + \frac{1}{3} K_1 h - \frac{1}{3} K_2 h^2 + \frac{1}{9} K_2 h^3 - \dots$$

$$\dots - \frac{1}{3} K_3 h^3 + \frac{1}{27} K_3 h^3 - \dots$$

$$= -\frac{2}{3} N - \frac{26}{9} K_2 h^2 - \frac{80}{27} K_3 h^3 - \dots$$

$$\frac{\frac{1}{3} N(h) - N(h_3)}{-\frac{2}{3}} = N + \frac{3 \cdot 26}{18} K_2 h^2 + \frac{3 \cdot 80}{54} K_3 h^3 + \dots$$

$$= R_1$$

$$R_1(h) = N + K_2 h^2 + K_3 h^3 + K_4 h^4 + \dots$$

WATER 4 CLASING (MPO)