



Supplement of

Isotopic composition of nitrate and particulate organic matter in a pristine dam reservoir of western India: implications for biogeochemical processes

Pratirupa Bardhan et al.

Correspondence to: Pratirupa Bardhan (pratirupabardhan@gmail.com)

The copyright of individual parts of the supplement might differ from the CC-BY 3.0 licence.

Table 1: Watershed characteristics of Tillari Reservoir (Source :

<http://www.cwc.nic.in/main/downloads/National%20Register%20of%20Large%20dams%202009.pdf>).

Year of completion	Type	Ht. above lowest foundation	Length of dam	Gross storage capacity	Reservoir area	Effective storage capacity
2006	Earthfill /Gravity	73 m	943 m	9274 x 10^3m^3	16250 x 10^3m^2	447290 x 10^3m^3

Supplementary Figure 1 Scatter plot between $\delta^{18}\text{O-NO}_3^-$ vs. $\delta^{15}\text{N-NO}_3^-$ of the surface samples during summer. A nearly 1:1 line indicates occurrence of nitrate assimilation.

