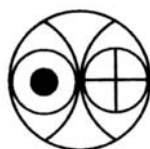


**Major ions, Stable isotopes, $^{87}\text{Sr}/^{86}\text{Sr}$ and Re in
the headwaters of the Yamuna: Implications to
chemical weathering in the Himalaya**

Tarun Kumar Dalai

Ph. D. Thesis

December, 2001



**Oceanography and Climate Studies Area
Physical Research Laboratory
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Submitted to

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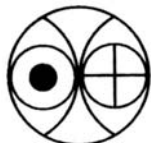
By

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For the degree of

Doctor of Philosophy in Geology

December, 2001



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