

# Metadata Details

**Title**  
Water Quality of Some Lakes in Grovnes Promontory, Larsemann Hills, East Antarctica.

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**Science Keywords**

Category	Sun-Earth Interactions
Topic	Water Quality/Water Chemistry
Expedition Year	2006-2007
<b>ISO Topic</b>	Water Chemistry

**Summary**

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**Abstract**  
During the 26th Indian Scientific Expedition to Antarctica, survey of lakes (12 Nos) around the Grovnes promontory (69° 24' S to 69° 26' S; 76° 10' E to 76° 15' E), Larsemann Hills of east Antarctica was carried out. The visual on-site details as well as the collection of water samples from the lakes were done mainly to assess the quality of water.

**Purpose**  
The aim of the present study is to understand the quality of the lakes water present in the Grovnes Promontory (GP hereafter) for drinking purpose. There is a dearth of published data on the lake water quality of GP, therefore, in this paper we attempt to quantify the various bio-physicochemical parameters required for drinking water. We also compare the results with two important drinking water quality guidelines provided by World Health Organisation (WHO) and Bureau of Indian Standards (BIS). This data we hope will give some insight into the water quality of this promontory; however, we recommend further investigation for far-reaching conclusion.

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**Data Center**