



## तकनीकी पत्रिका विषय-सूची **CURRENT CONTENT**

*(Technical Journals)*

*(A Monthly Current Awareness Service from Technical Journals)*

**Vol.07 No.06, June, 2023**

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# Elements

An International Magazine of Mineralogy, Geochemistry, and Petrology



Salt-carved sculptures in the Wieliczka Salt Mine (Poland). PHOTO: HIROCHIKA SUMINO.

*Elements* is published jointly by the Mineralogical Society of America, the Mineralogical Society of the UK and Ireland, the Mineralogical Association of Canada, the Geochemical Society, The Clay Minerals Society, the European Association of Geochemistry, the International Association of Geochemistry, the Société Française de Minéralogie et de Cristallographie, the Association of Applied Geochemists, the Deutsche Mineralogische Gesellschaft, the Società Italiana di Mineralogia e Petrologia, the International Association of Geoanalysts, the Polskie Towarzystwo Mineralogiczne (Mineralogical Society of Poland), the Sociedad Española de Mineralogía, Swiss Geological Society, the Meteorological Society, the Japan Association of Mineralogical Sciences, and the International Association on the Genesis of Ore Deposits. It is provided as a benefit to members of these societies.

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Volume 18, Number 1 • February 2022

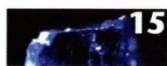
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Guest Editors: **Patricia L. Clay** and **Hirochika Sumino**



### Halogens: Salts of the Earth

Patricia L. Clay and Hirochika Sumino



### A Halogen Record of Fluid in the Solar System

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### Sediments, Serpentinites, and Subduction: Halogen Recycling from the Surface to the Deep Earth

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Grand Prismatic Spring,  
Yellowstone National Park,  
Wyoming USA

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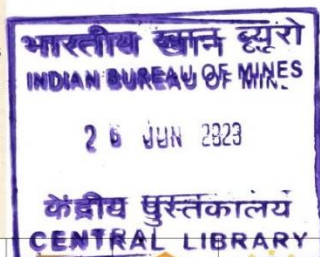
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Diversity of geological and astrophysical environments where water is present and plays a major role in physical and chemical processes. ARTWORK BY JEANNE LE PEILLET, BEINK®

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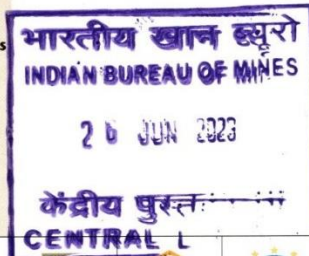
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View of the Cascadia subduction zone from space. PHOTO FROM THE INTERNATIONAL SPACE STATION, ISS042-E-294596, FEB. 28, 2015.

## Cascadia Subduction Zone

Guest Editors: Adam J.R. Kent and Josef Dufek



### Cascadia: Subduction and People

Adam J.R. Kent and Josef Dufek



### Tectonics and Geodynamics of the Cascadia Subduction Zone

Haiping Gao and Maureen D. Long



### Quaternary Volcanism in the Cascade Arc

Adam J.R. Kent



### The Nature of Active Magma Reservoirs and Storage Underneath Cascade Volcanoes

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### The Role of Subduction Zone Processes in the Cultural History of the Cascade Region

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# Elements

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The interior structure of Io, with arbitrary layer thicknesses considering different scenarios  
 IMAGE CREDIT: CARNEGIE INSTITUTION FOR SCIENCE / KATY CAIN AND JOHN STROM AND NASA FOR THE IMAGE OF THE SURFACE OF IO.

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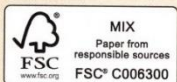
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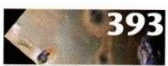
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# Iron & Steel Review, Vol.66 No.11, April 2023

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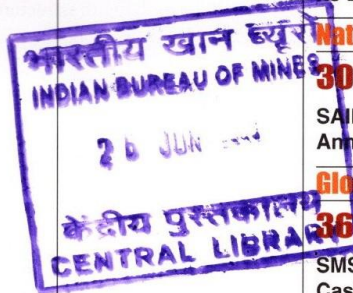
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Pablo Izuzquiza Serrano,  
Director Comercial,  
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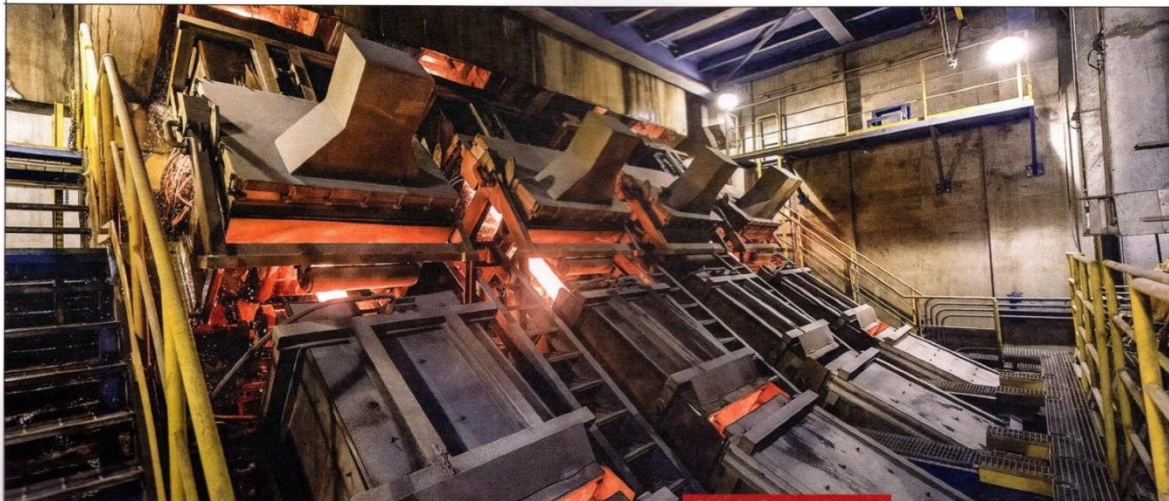
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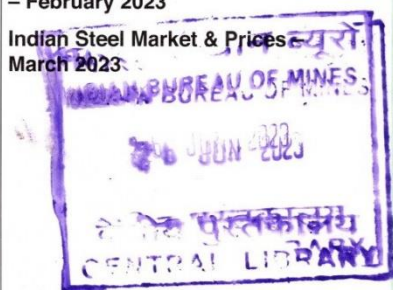
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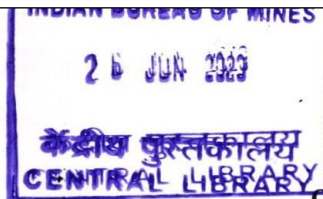
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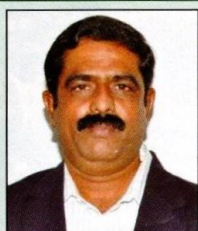
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