



Australian Financial Gazette Volume 5

By -

RareBooksClub. Paperback. Book Condition: New. This item is printed on demand. Paperback. 50 pages. Original publisher: Menlo Park, CA : U. S. Dept. of the Interior, U. S. Geological Survey, 2002. OCLC Number: (OCoLC)50138492 Subject: Mercury - - Environmental aspects -- Nevada -- Carson River Watershed. Excerpt: . . . Chemical Parameters 1. Bottom-water sampling: Prior to coring at each sampling site, bottom-water samples (approximately 1 meter above the sediment-water interface) were collected for subsequent analysis of dissolved-mercury speciation by cold-vapor atomic fluorescence spectroscopy (CVAFS) using a high-displacement peristaltic pump and a tethered length of rigid fluoroethylene polymer tubing. These samples were used to replace overlying water in cores collected from each site for incubation. 2. Dissolved Oxygen (DO): Consumption of dissolved oxygen was monitored for each incubated core using a micro-Winkler titration method (Fig. 14; Kuwabara and others, 2000). 3. Dissolved Mercury: Mercury samples from water-column sampling, and core incubations were filtered with 0. 7-micrometer quartz membranes that had been baked for 6 hours at 500 degrees centigrade to remove residual organics. Filtered samples were acidified with quartz-distilled nitric acid (pH less than 2), and refrigerated in darkness until analyzed...



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