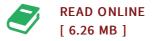


The Student Volume 5

By -

RareBooksClub. Paperback. Book Condition: New. This item is printed on demand. Paperback. 24 pages. Original publisher: Greenbelt, Md.: NASA Goddard Space Flight Center, 2000 OCLC Number: (OCoLC)83756137 Excerpt: . . . 9. 3. 2 Calculated Variables Porewater CH4 concentration (PWCH4) was calculated as: CH4hs P Po Kh Vhs Vw (CH4hs-CH4amb) P RT where: CH4hs is the equilibrated headspace concentration of CH4 (ppm) P and Po are ambient and sea-level atmospheric pressures (101325 Pa) CH4 Kh is the Henrys law constant for at ambient temperature (298 K) Vhs and Vw are the volumes of headspace and water in the syringe CH4amb is the ambient CH4 concentration (1.8 ppmv) R is the universal gas constant (8314. 4 L Pa K mol T is the ambient temperature (298 K) Porewater concentration calculated as: (PWCO2) was CO2 CO2hs P Po Kh (I Kal 10pH (I Ka2 10pH)) Vhs Vw (CO2hs-CO2amb) P RT where: is the equilibrated headspace concentration of (ppm) CO2hs CO2 P and Po are ambient and sea-level atmospheric pressures (101325 Pa) Kh is...





Reviews

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