

## **Mechanism of Geoelectrochemical Halo-forming and Prospecting**

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On the basis of the metal deposits in the electrochemical field theory, to the electrochemical mechanism into the halo, methods and techniques, ion anomaly and methods, looking at the different coverage area, and many different types of metal mines, the use of electrochemical methods to find buried metal mines made a more systematic study. Study found that: 1, to the theoretical basis of electrochemical method is: ore (mineral) produces electrochemical dissolution, dissolved substances in the formation of ion migration under the electric field halo, the method based on solid theory, into the complex mechanisms of halo, halo ion Form and the ore body is closely related to the electrochemical mechanism into the halo; 2, after a lot of exploration proved that the electrochemical method to look for a different coverage areas of different types of metal ore feasible to good effect.