

of Control and the Office of the Solicitor, as appropriate.

HOW SHOULD PROPRIETARY INFORMATION BE MARKED?

All proprietary data sent to the USGS from an industry, company, government agency, and so on should be forwarded immediately to the appropriate Primary Office of Control for marking. The cover, if there is one, and the first and last page of a proprietary document should be marked conspicuously using one of the following four wordings: "Proprietary—For U.S. Government Use Only," "Company Proprietary Information," "Proprietary Data," or "Proprietary Information."

HOW SHOULD PROPRIETARY INFORMATION BE STORED?

Proprietary information should be stored as follows:

- *In a secured room with unsecured proprietary information.* A work or storage room that can be locked can be used as a repository for proprietary information. Within such a room, proprietary information may be left unsecured, as long as either an individual responsible for the information is present or the room is locked.
- *In an unsecured room with secured proprietary information.* If a secured room is not available, proprietary information can be stored in an unsecured room. But when left unattended by the responsible individual, the proprietary data must be secured in locked containers.

WHO CONTROLS ACCESS TO PROPRIETARY INFORMATION?

Only the *Primary Office of Control*, the USGS office that receives the proprietary information directly from the originating source, can release the information to a requesting office. Proprietary information can be released only on a justified need-to-know basis. Any office to which proprietary information is released is designated as a *Secondary Office of Control* and must adhere to the same disclosure standards as the Primary Office of Control. The Secondary Office of Control must return all existing materials, extracts, and copies to the Primary Office of Control unless written permission is obtained to dispose of the material in another manner.

FURTHER INFORMATION

All USGS personnel who have access to proprietary data must be familiar with the proper handling of such material. The

policy for handling and storing proprietary data is stated in the USGS Manual chapter "Safeguard and Release of U.S. Geological Survey Data and Information, SM 500.14." This is available from the Security Management Office, telephone (703) 648-4467. More detailed, definitive, hands-on procedures for collecting, monitoring, and handling proprietary data are contained in the USGS Statistical Standards, which is available from the Statistics and Information Systems Section, Minerals Information Team, telephone (703) 648-4914. Inquiries on proprietary data received from outside the USGS under a FOIA request are to be transmitted to the FOIA Officer at Mail Stop 807, or telephone (703) 648-7313. However, FOIA responses must be made and approved by the USGS organization that originally collected the data.

The publication of minerals data is based on aggregation of statistics directly related to the number of companies that respond to USGS canvasses, in addition to a yes-or-no response to the release of individual company proprietary data where it appears on USGS canvass forms. Another way to grant or deny permission for publication of statistics is to write to:

U.S. Geological Survey
Minerals Information Team
Data Collection and Coordination Section
985 National Center
Reston, VA 20192



Proprietary Data

How They Are Protected at the U.S. Geological Survey

The U.S. Geological Survey (USGS) is the world's premier source of information about minerals. The USGS gets its information from thousands of mineral industry companies in written or electronic responses to surveys or in telephone conversations. This information is supplied by the companies on a voluntary basis, and much of it is proprietary in nature. The USGS is required by law to protect proprietary information from unauthorized disclosure.

WHAT IS PROPRIETARY INFORMATION?

Proprietary information is sensitive, usually commercially valuable business data, such as geologic findings, production figures, and consumption projections. Such information is vital to the USGS mission, and its unauthorized disclosure can cause irreparable harm to the companies that provided it and to the USGS's ability to continue to collect it.

WHAT ARE SOME EXAMPLES?

Proprietary information includes:

- Any information that is prohibited from release by statute, such as trade secrets, processes, and operations.
- Information gathered by the USGS under the requirements of law or for the purpose of evaluating any facet of a resource program and capable of causing substantial competitive harm to the subject persons, companies, or corporations. Examples include information about income, profits, losses, and expenditures.
- All numeric and nonnumeric information provided by an individual company on a USGS canvass form, either paper or electronic, or by telephone or other means in lieu of canvass forms. This includes information used only for internal processing.

WHAT DETERMINES HOW PROPRIETARY DATA ARE TREATED?

Proprietary canvass forms. USGS canvass forms contain a proprietary data banner that describes the treatment of the company data collected. Forms include questions to determine if proprietary data may be released under certain conditions.

Disclosure analysis. Before specific statistics can be published, a determination must be made as to whether the publication would result in the disclosure of proprietary data. Three mandatory steps must be followed and the results reviewed to ensure proper protection of proprietary data:

1. *The Rule of Three.* There must be three or more companies contributing to a mineral statistic that respond "yes" to proprietary disclosure statements for those data to be published.

2. *The Dominant Company Principle.* If the minerals statistic under consideration meets the "Rule of Three," and no one company contributes more than 75 percent of the total, and no two companies contribute more than 90 percent, then the figure can be published, depending on responses to disclosure statements.

3. *Review of Tables.* Publication tables must be reviewed to ensure that totals that have been withheld to prevent disclosure of individual company proprietary data cannot be calculated from other data in the table. Additional totals in the table may be designated as withheld to avoid this kind of disclosure.

WHAT HAPPENS IF PROPRIETARY DATA ARE DISCLOSED TO UNAUTHORIZED INDIVIDUALS?

All USGS facilities are required to conform to strict security standards for proprietary information. Stringent action may be taken against any USGS employee who improperly discloses proprietary data. Under title 18, section 1905 of the U.S. Code, such disclosure is a Federal offense with penalties including a fine of more than \$1,000, imprisonment for not more than 1 year, or both, and removal from employment.

WHO IS RESPONSIBLE FOR PROTECTION OF PROPRIETARY DATA?

Heads of Organizations at headquarters and in the field are responsible for ensuring that offices under their jurisdiction adhere to the regulations for proprietary data, maintaining secure facilities, and designating Proprietary Information Custodians.

The USGS Security Officer is responsible for developing USGS security policy for the protection of proprietary information,

evaluating compliance with that policy, providing guidance and assistance to USGS personnel concerning the security of proprietary information, and issuing refresher bulletins and memoranda to maintain employee awareness of the importance of appropriate handling of proprietary information.

The USGS Information Resources Security Administrator is responsible for ensuring that adequate safeguards are established to protect all automated proprietary information from damage, destruction, alteration, or misappropriation.

The Proprietary Information Custodian is responsible for ensuring that proprietary information is handled in a way that protects against unauthorized disclosure, security procedures are adequate, disclosure analysis has been performed and appropriate marking of tabulations and other documents has been accomplished, transmittal of proprietary information is to authorized recipients only, and the recipient is given explicit instructions on the handling and disposition of the documents and the applicable penalties for unauthorized disclosure.

Supervisors are responsible for ensuring that proprietary data released to their organization are safeguarded according to USGS regulations. Supervisors must see that all employees are provided the written guidance in the USGS Manual chapter "Safeguard and Release of U.S. Geological Survey Data and Information, SM 500.14," and the USGS Statistical Standards, that subordinates understand their responsibilities for safeguarding proprietary information and applicable penalties under Federal law, that proprietary information received or generated by their organization is marked correctly, and that employees directly involved receive refresher training periodically.

Individual USGS employees are responsible for the security of proprietary information in their physical custody and for handling such material in accordance with USGS regulations.

Contracting Officers are responsible for ensuring that proprietary information security standards, requirements, and procedures are incorporated into contractual agreements where contractors will be handling proprietary information. Security policy applies equally to USGS contractors and subcontractors.

Contracting Officer's Technical Representatives are responsible for advising contracting officers of the need to address the handling of proprietary information in contract documentation and any associated contractor-related security problems.

Contractors with access to USGS proprietary information are

responsible for designating an employee as a security supervisor for proprietary information, limiting the number of contract employees that require access to the proprietary information to the minimum necessary, and ensuring that contract employees understand their responsibilities for safeguarding proprietary information and the applicable penalties under Federal law.

IS PROPRIETARY INFORMATION COVERED BY THE FREEDOM OF INFORMATION ACT (FOIA)?

Yes, but there are bases for exempting some proprietary information from responses to FOIA requests.

WHAT KINDS OF PROPRIETARY DATA ARE EXEMPT FROM FOIA REQUESTS?

The law lists nine exemptions that can serve as a basis for withholding information from a FOIA request. Two are particularly applicable to proprietary records received by the USGS:

- *Exemption (b) (4)* protects trade secrets and commercial or financial information that was obtained from a person and is privileged or of a confidential nature.
- *Exemption (b) (9)* protects geologic and geophysical information, including ore reserve information and maps, that was obtained from a person and is privileged or of a confidential nature.

WHERE CAN WE GET HELP IN HANDLING FOIA REQUESTS?

The FOIA Officer provides advice, assistance, and coordination for the administrative processing of responses to FOIA requests by the responsible program offices and the Office of the Solicitor, as appropriate. USGS offices that have records responsive to a request, including proprietary data, must submit a tentative response and copies of the records to the FOIA Officer.

WHAT SHOULD BE INCLUDED IN A TENTATIVE RESPONSE TO A FOIA REQUEST?

A tentative response to a FOIA request should include the identity of the party with proprietary interest in the information; the identification of any records that may be exempt from disclosure; and the basis for any proposed exemption and whether the exemptions are mandatory or discretionary, and if discretionary, whether to withhold or release the records. Any portions of the records that can be reasonably segregated must be identified. The response to the FOIA request will be finalized with the Primary Office