

Bond Number 105746560  
Surety NAIC No. 31194  
Permit Number \_\_\_\_\_  
Mine Name Western Zirconium Pit

**A T T A C H M E N T   A**  
To  
**RECLAMATION CONTRACT**  
**BETWEEN PRINCIPAL AND DIVISION**

**STATE OF UTAH**  
DEPARTMENT OF NATURAL RESOURCES  
**Division of Oil, Gas and Mining**  
1594 West North Temple Suite 1210  
Box 145801  
Salt Lake City, Utah 84114-5801  
Telephone: (801) 538-5291  
Fax: (801) 359-3940

**THE UTAH MINED LAND RECLAMATION ACT**

**S U R E T Y   B O N D**

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The undersigned W. W. Clyde & Co, as Principal,  
a Corporation organized under the laws of the State of Utah and  
Travelers Casualty & Surety Company of America, as Surety, a Corporation  
organized under the laws of the State of Connecticut, hereby jointly and severally bind ourselves,  
our heirs, administrators, executors, successors, and assigns, jointly and severally, unto the State of  
Utah, Division of Oil, Gas and Mining ("Division") and \_\_\_\_\_  
(other agency, if any) in the penal sum of Fifty Thousand and no/100 - - - - -  
dollars (\$ 50,000.00).

This Surety Bond is provided to secure the obligations of the Principal, as set forth by the terms  
and conditions of the Reclamation Contract, and any addendums thereto, to reclaim lands that will be  
affected by mining operations as identified in the Notice of Intention received, or approved if  
applicable, by the Division on the 2nd day of May, 20 12.

The lands that are covered by this Surety Bond are the Lands Affected by mining  
operations as defined and described in the above Notice, and the Mining and  
Reclamation Plan if required, subject to terms and conditions of the Reclamation  
Contract.

The condition of this obligation is that if the Division determines that Principal has  
satisfactorily reclaimed the disturbed lands in accordance with the Mining and Reclamation Plan or  
Notice and has faithfully performed all requirements of the Mined Land Reclamation Act, and

complied with the Rules and Regulations adopted in accordance therewith, then this obligation shall be void; otherwise it shall remain in full force and effect. Failure of the Principal to fulfill the obligations specified by the Mined Land Reclamation Act and the Rules adopted there under, and in accordance with the specification of the Principal's Mining and Reclamation Plan or Notice, may result in forfeiture of this bond in accordance with the applicable statutes and regulations.

If the Mining and Reclamation Plan or Notice provides for periodic partial reclamation of the lands affected, and if the lands are reclaimed in accordance with such Plan or Notice, Act and regulations, then Principal may apply for a reduction in the amount of this Surety Bond. In the converse, if the Mining and Reclamation Plan or Notice provides for a gradual increase in the lands affected or the extent of disturbance, then, the Division may require that the amount of this Surety Bond be increased, with the written approval of the Surety. The amount of reclamation surety may also be adjusted as a result of a periodic review by the Division, which shall take into account inflation/deflation based upon an acceptable Costs Index, or at the request of the operator.

This bond may be canceled by Surety after ninety (90) days following receipt by the Division and Principal of written notice of such cancellation. Written notice to the Division and Principal as required by this paragraph shall be provided by certified mail or by a courier service that provides proof of delivery by signature of the recipient. Surety's liability shall then, at the expiration of said ninety (90) days, cease and terminate except that Surety will remain fully liable for all reclamation obligations of the Principal incurred prior to the date of termination.

Principal and Surety and their successors and assigns agree to guarantee said obligation and to indemnify, defend, and hold harmless the Division from any and all expenses (including attorney fees) which the Division may sustain in the collection of sums due hereunder.

Surety will give prompt notice to Principal and to the Division of the filing of any petition or the commencement of any proceeding relating to the bankruptcy, insolvency, reorganization, or adjustment of the debts of Surety, or alleging any violation or regulatory requirements which could result in suspension or revocation of the Surety's license to do business.

Surety is licensed to do business in Utah and is rated by A. M. Best as A- or better or rated as having Financial Performance Rating (FPR) of 8 or better, and is listed in the U. S. Department of Treasury's Circular "570." Upon incapacity of the Surety by reason of bankruptcy, insolvency, or suspension or revocation of its license, or upon failure to maintain the A. M. Best or FPR rating and listing on Circular "570", Principal shall be without adequate bond coverage as required by the Division and shall have 120 days after notice to replace the bond with other bonds acceptable to the Division. If the Principal does not replace this surety bond as required, the Division may order cessation of mining operations and commence actions to enforce its rights against the Surety. The Surety's liability shall continue and the Surety will remain fully liable for all reclamation obligations of the Principal incurred until this surety bond is forfeited, or the conditions of this obligation have been satisfied.

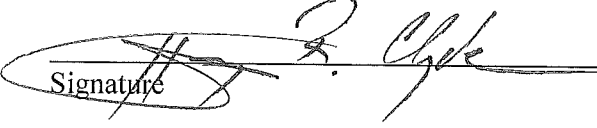
IN WITNESS WHEREOF, the Principal and Surety hereunto set their signatures and seals as of the dates set forth below.

W. W. CLYDE & CO.

Principal (Permittee)

Jeffery R. Clyde, President

By (Name and Title typed):

  
Signature

May 2, 2012

Date

**Surety Company**

TRAVELERS CASUALTY & SURETY COMPANY OF AMERICA

Surety Company Name

One Tower Square

Street Address

W. Douglas Snow

Surety Company Officer

Hartford, Connecticut 06183

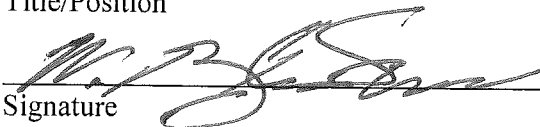
City, State, Zip

Attorney-In-Fact

Title/Position

860-277-0111

Phone Number

  
Signature

May 2, 2012

Date

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MR-SUR  
Attachment A  
(revised May 24, 2006)

Bond Number 105746560  
Surety NAIC No. 31194  
Permit Number \_\_\_\_\_  
Mine Name Western Zirconium Pit

SO AGREED this \_\_\_\_\_ day of \_\_\_\_\_, 20 \_\_\_\_.

AND APPROVED AS TO FORM AND AMOUNT OF SURETY:

\_\_\_\_\_  
John R. Baza, Director  
Utah State Division of Oil, Gas and Mining

\*NOTE: Where one signs by virtue of Power of Attorney for a Surety, such Power of Attorney must be filed with this bond. If the Operator is a corporation, the bond shall be executed by its duly authorized officer.





POWER OF ATTORNEY

Farmington Casualty Company
Fidelity and Guaranty Insurance Company
Fidelity and Guaranty Insurance Underwriters, Inc.
St. Paul Fire and Marine Insurance Company
St. Paul Guardian Insurance Company

St. Paul Mercury Insurance Company
Travelers Casualty and Surety Company
Travelers Casualty and Surety Company of America
United States Fidelity and Guaranty Company

Attorney-In Fact No. 223367

Certificate No. 004787286

KNOW ALL MEN BY THESE PRESENTS: That St. Paul Fire and Marine Insurance Company, St. Paul Guardian Insurance Company and St. Paul Mercury Insurance Company are corporations duly organized under the laws of the State of Minnesota, that Farmington Casualty Company, Travelers Casualty and Surety Company, and Travelers Casualty and Surety Company of America are corporations duly organized under the laws of the State of Connecticut, that United States Fidelity and Guaranty Company is a corporation duly organized under the laws of the State of Maryland, that Fidelity and Guaranty Insurance Company is a corporation duly organized under the laws of the State of Iowa, and that Fidelity and Guaranty Insurance Underwriters, Inc., is a corporation duly organized under the laws of the State of Wisconsin (herein collectively called the "Companies"), and that the Companies do hereby make, constitute and appoint

W. Douglas Snow, D. Cory Payne, James H. Dickson, Randall J. Austin, Aaron Griffith, Mark J. Austin, Susan R. Smith, Jace Pearson, and Vicki Sorensen

of the City of Murray, State of Utah, their true and lawful Attorney(s)-in-Fact, each in their separate capacity if more than one is named above, to sign, execute, seal and acknowledge any and all bonds, recognizances, conditional undertakings and other writings obligatory in the nature thereof on behalf of the Companies in their business of guaranteeing the fidelity of persons, guaranteeing the performance of contracts and executing or guaranteeing bonds and undertakings required or permitted in any actions or proceedings allowed by law.

IN WITNESS WHEREOF, the Companies have caused this instrument to be signed and their corporate seals to be hereto affixed, this 27th day of March, 2012.

Farmington Casualty Company
Fidelity and Guaranty Insurance Company
Fidelity and Guaranty Insurance Underwriters, Inc.
St. Paul Fire and Marine Insurance Company
St. Paul Guardian Insurance Company

St. Paul Mercury Insurance Company
Travelers Casualty and Surety Company
Travelers Casualty and Surety Company of America
United States Fidelity and Guaranty Company



State of Connecticut
City of Hartford ss.

By: [Signature]
George W. Thompson, Senior Vice President

On this the 27th day of March, 2012, before me personally appeared George W. Thompson, who acknowledged himself to be the Senior Vice President of Farmington Casualty Company, Fidelity and Guaranty Insurance Company, Fidelity and Guaranty Insurance Underwriters, Inc., St. Paul Fire and Marine Insurance Company, St. Paul Guardian Insurance Company, St. Paul Mercury Insurance Company, Travelers Casualty and Surety Company, Travelers Casualty and Surety Company of America, and United States Fidelity and Guaranty Company, and that he, as such, being authorized so to do, executed the foregoing instrument for the purposes therein contained by signing on behalf of the corporations by himself as a duly authorized officer.

In Witness Whereof, I hereunto set my hand and official seal.
My Commission expires the 30th day of June, 2016.



[Signature]
Marie C. Tetreault, Notary Public

This Power of Attorney is granted under and by the authority of the following resolutions adopted by the Boards of Directors of Farmington Casualty Company, Fidelity and Guaranty Insurance Company, Fidelity and Guaranty Insurance Underwriters, Inc., St. Paul Fire and Marine Insurance Company, St. Paul Guardian Insurance Company, St. Paul Mercury Insurance Company, Travelers Casualty and Surety Company, Travelers Casualty and Surety Company of America, and United States Fidelity and Guaranty Company, which resolutions are now in full force and effect, reading as follows:

**RESOLVED**, that the Chairman, the President, any Vice Chairman, any Executive Vice President, any Senior Vice President, any Vice President, any Second Vice President, the Treasurer, any Assistant Treasurer, the Corporate Secretary or any Assistant Secretary may appoint Attorneys-in-Fact and Agents to act for and on behalf of the Company and may give such appointee such authority as his or her certificate of authority may prescribe to sign with the Company's name and seal with the Company's seal bonds, recognizances, contracts of indemnity, and other writings obligatory in the nature of a bond, recognizance, or conditional undertaking, and any of said officers or the Board of Directors at any time may remove any such appointee and revoke the power given him or her; and it is

**FURTHER RESOLVED**, that the Chairman, the President, any Vice Chairman, any Executive Vice President, any Senior Vice President or any Vice President may delegate all or any part of the foregoing authority to one or more officers or employees of this Company, provided that each such delegation is in writing and a copy thereof is filed in the office of the Secretary; and it is

**FURTHER RESOLVED**, that any bond, recognizance, contract of indemnity, or writing obligatory in the nature of a bond, recognizance, or conditional undertaking shall be valid and binding upon the Company when (a) signed by the President, any Vice Chairman, any Executive Vice President, any Senior Vice President or any Vice President, any Second Vice President, the Treasurer, any Assistant Treasurer, the Corporate Secretary or any Assistant Secretary and duly attested and sealed with the Company's seal by a Secretary or Assistant Secretary; or (b) duly executed (under seal, if required) by one or more Attorneys-in-Fact and Agents pursuant to the power prescribed in his or her certificate or their certificates of authority or by one or more Company officers pursuant to a written delegation of authority; and it is

**FURTHER RESOLVED**, that the signature of each of the following officers: President, any Executive Vice President, any Senior Vice President, any Vice President, any Assistant Vice President, any Secretary, any Assistant Secretary, and the seal of the Company may be affixed by facsimile to any Power of Attorney or to any certificate relating thereto appointing Resident Vice Presidents, Resident Assistant Secretaries or Attorneys-in-Fact for purposes only of executing and attesting bonds and undertakings and other writings obligatory in the nature thereof, and any such Power of Attorney or certificate bearing such facsimile signature or facsimile seal shall be valid and binding upon the Company and any such power so executed and certified by such facsimile signature and facsimile seal shall be valid and binding on the Company in the future with respect to any bond or understanding to which it is attached.

I, Kevin E. Hughes, the undersigned, Assistant Secretary, of Farmington Casualty Company, Fidelity and Guaranty Insurance Company, Fidelity and Guaranty Insurance Underwriters, Inc., St. Paul Fire and Marine Insurance Company, St. Paul Guardian Insurance Company, St. Paul Mercury Insurance Company, Travelers Casualty and Surety Company, Travelers Casualty and Surety Company of America, and United States Fidelity and Guaranty Company do hereby certify that the above and foregoing is a true and correct copy of the Power of Attorney executed by said Companies, which is in full force and effect and has not been revoked.

IN TESTIMONY WHEREOF, I have hereunto set my hand and affixed the seals of said Companies this 2<sup>ND</sup> day of MAY, 20 12.

  
Kevin E. Hughes, Assistant Secretary



To verify the authenticity of this Power of Attorney, call 1-800-421-3880 or contact us at [www.travelersbond.com](http://www.travelersbond.com). Please refer to the Attorney-In-Fact number, the above-named individuals and the details of the bond to which the power is attached.