

The State of South Carolina,

CHARTER BY THE SECRETARY OF STATE

EXECUTIVE DEPARTMENT

WHEREAS, ROBERT E. BOYD of Allison Park, Pennsylvania and DONALD R. GRIMES of 34 Castle Shannon Blvd., Pittsburgh 28, Pennsylvania

did on the 21st day of July, 1956, file with the Secretary of State a written Declaration, signed by themselves, setting forth:

FIRST: That their names and residences are as above given.

SECOND: That the name of the proposed corporation is OREFRACTION MINERALS INC.

THIRD: That the principal place of business is Greenville, South Carolina

FOURTH: That the general nature of the business which it is proposed to do is to carry on the business of manufacturing, mining, milling, concentrating, converting, smelting, treating, preparing for market, reducing, buying, selling and merchandising of ores, metals and minerals of all descriptions and all products and by-products therefrom; to develop, design, manufacture, buy, sell or license the making, selling and use of equipment pertaining thereto; to buy, lease or otherwise acquire land, buildings, mines, mills or equipment necessary or incidental thereto; and to do all things necessary or proper for the carrying on of said business.

FIFTH: That the amount of the capital stock is Five Hundred Thousand (\$500,000.00) ----- Dollars payable in money, or in labor or in property at its par value, when and as required by the board of directors.

SIXTH: That the number of shares into which the capital stock is divided is Fifty Thousand (50,000) of the par value of Ten (\$10.00) -----Dollars.

SEVENTH: That, after due notice, a meeting of the subscribers was held on the 20th day of July, 1956, at which a majority of all stock in value being present in person or by proxy, the following were elected directors: Robert F. Stanny, Robert E. Boyd and Donald R. Grimes

EIGHTH: That subsequently there was elected as President, Robert F. Stanny; as Vice-President, Robert E. Boyd; as Secretary, Donald R. Grimes; as Treasurer, Robert E. Boyd

NINTH: That all requirements of Title 12, Article 1, Chapter 2, Code of Laws of South Carolina, 1952, and all amendments thereto have been duly and fully complied with, 50 per cent. of the aggregate amount of the capital stock having been subscribed by bona fide subscribers, 20 per cent. of the capital stock subscribed having been paid to the Treasurer, and three days' public notice of the intention to file this Declaration with the Secretary of State having been given in Greenville Piedmont a newspaper published in the County of Greenville

NOW, THEREFORE, I, O. FRANK THORNTON, Secretary of State, by virtue of the authority in me vested by the aforesaid Code and Acts amendatory thereto, do hereby certify that the said Company has been fully organized according to the laws of South Carolina, under the name and for the purposes indicated in their written declaration, and that they are fully authorized to commence business under their charter; and I do hereby direct that a copy of this certificate be filed and recorded in the office of the Register of Mesne Conveyance or Clerk of Court in each county where such Corporation shall have a business office.

GIVEN under my hand and the seal of the State, at Columbia, this 21st day of July, in the year of our Lord one thousand nine hundred and fifty-six and in the one hundred and eightieth year of the Independence of the United States of America.

O. Frank Thornton Secretary of State.

