

An Independent Research Company

BOARD OF DIRECTORS

PHILLIP MACKEY

: BSc and PhD in Metallurgical Engineering, University of New South Wales, Sydney, Australia

Skilled in all aspects of non-



NICK HAZEN

BS Chemical Engineering, University of Colorado

40 years at Hazen Research: President from 1994 to present. Leader on a variety of chemical and metallurgical projects. Played a pivotal role in developing several key processes in extractive metallurgy, at least seven of which have been taken from R&D through piloting to full-scale, effective commercial production. Three years as analyst and metallurgical lab director at Alumet Company. Thirty-six US patents, Taggart Award (SME) 2008, Futers Gold Medal (IOM3) 2012, Richards Award (AIME-SME) 2013, inducted into the National Academy of Engineering, 2021.

BRUCE KUENZI

BS Accounting, Kansas State University (1994), MS Accounting, Kansas State University (1996), Certified Public Accountant, Colorado (1998)

6 years at Hazen Research: Chief Financial Officer since October 2020; Corporate Controller from 2016 to 2020. Prior to Hazen Research: Director of Finance at Penford Corporation from 2003 to 2015, managing accounting, finance, and SEC reporting; Division Controller at Titanium Metals Corporation from 2001 to 2003; and various other accounting and finance roles earlier in career.