# **Supplementary Material**

# **Phase Stability as a Function of Temperature in a Refractory High Entropy Alloy**

Vishal Sonia, b**\*\***, Bharat Gwalania,b**\*\***, O.N. Senkov c,d, B. Viswanathanc,e, T. Alama, b, D. B. Miraclec and R. Banerjeea, b#

a Advanced Materials and Manufacturing Processes Institute, University of North Texas

Denton, TX-76207, USA

b Department of Materials Science and Engineering, University of North Texas

Denton, TX-76207, USA

c Air Force Research Laboratory, Materials and Manufacturing Directorate,

Wright-Patterson AFB, OH-45433, USA

d UES Inc., 4401 Dayton-Xenia Road, Beavercreek, OH-45432, USA

e Department of Materials Science and Engineering, The Ohio State University, Columbus, OH 4310, USA

***\*\* These authors contributed equally***

# Corresponding Author: Raj.Banerjee@unt.edu



**Supplementary Figure S1.**SEM-BSED image of AP-600 sample (inset shows a high magnification image)**.**