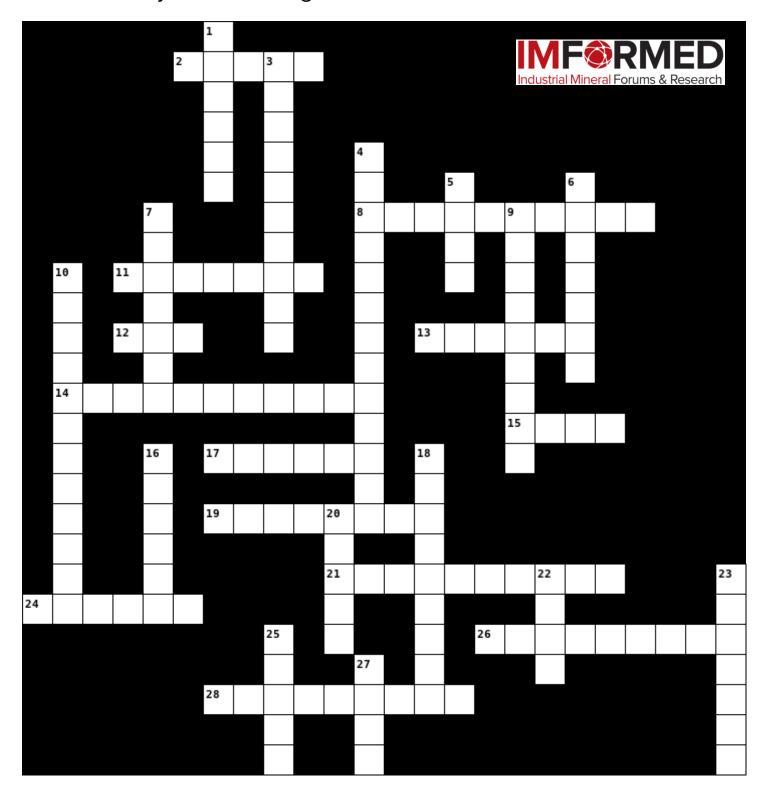
The IMFORMED Crossword Puzzle no.1

Test your knowledge of industrial minerals & markets



We hope you found the puzzle entertaining | Please let us know what you thought

Please send your completed puzzle (as PDF or image) to mike@imformed.com

All correct entries receive a free PDF of our **Mineral Market Matrix**® Wall Chart and a chance to win in the prize draw a bottle of fine malt whisky to be presented at the next IMFORMED Forum the winner attends.

Solutions & Draw to take place one week after puzzle publication

The judges' decision is final.

Across

- Mineral product of sponsor US Western series "Death Valley Days" (5)
- **8.** Key proppant property (10)
- **11.** Common impurity in fluorspar (7)
- **12.** Chemical formula for carborundum; unwell (3)
- **13.** Asian country producer of silicon carbide (6)
- **14.** Greenland mineral for glass recently in production (11)
- **15.** Scots isle from which key refractory compound name derived (4)
- 17. New bauxite mine opened2020 in which country ex-China(6)
- **19.** Synthetic spinel comprises alumina and (8)
- **21.** In which form is vermiculite used in horticulture 10)
- **24.** Particle size index for minerals in coatings (6)
- **26.** Mineral unique to Utah, similar in Iran (9)
- **28.** Location of world's largest barite mine (9)

Down

- **1.** Term for sintered dolomite (6)
- **3.** Substitute for bauxite in certain refractory uses (10)
- **4.** New Imerys CEO was in charge of which former Imerys division (5,8)
- **5.** Standard abrasive grain size classification acronym (4)
- **6.** Fused alumina furnace type (7)
- 7. Keynote speaker at IMFORMED Rendezvous 2021 (7)
- **9.** FOB, CIF, EXW, etc. (9)
- **10.** Distinctly shaped white mineral for ceramics, plastics, named after English crystallographer (12)
- **16.** Location of operating hard rock lithium mineral producer (6)
- Critical mineral in beer & wine making
 (9)
- **20.** Board of natural alumina? (5)
- **22.** Rio Tinto divested which world leading mineral business in 2011 (4)
- **23.** Type of Chinese bauxite kiln (6)
- **25.** Chinese magnesia producing province (5)
- **27.** Major mineral producer recently acquired by refractory leader Refratechnik (4)

