

The INFORMED Crossword Puzzle

no.1 Solutions

Across

2. Mineral product of sponsor US Western series "Death Valley Days" (5) **BORAX**
8. Key proppant property (10) **SPHERICITY**
11. Common impurity in fluorspar (7) **ARSENIC**
12. Chemical formula for carborundum; unwell (3) **SiC**
13. Asian country producer of silicon carbide (6) **BHUTAN**
14. Greenland mineral for glass recently in production (11) **ANORTHOSITE**
15. Scots isle from which key refractory compound name derived (4) **MULL**
17. New bauxite mine opened 2020 in which country ex-China (6) **GUYANA**
19. Synthetic spinel comprises alumina and (8) **MAGNESIA**
21. In which form is vermiculite used in horticulture (10) **EXFOLIATED**
24. Particle size index for minerals in coatings (6) **HEGMAN**
26. Mineral unique to Utah, similar in Iran (9) **GILSONITE**
28. Location of world's largest barite mine (9) **MANGAMPET**

Down

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