INTRODUCTION

This map is a product of the Belle Fourche River Watershed Program, South Dakota Department of Environment and Natural Resources, South Dakota School of Mines & Technology, and RESPEC. The initiative was led by Crystal M. Hocking, P.G., with contributions from various agencies and organizations.

The purpose of this map is to provide a visual representation of the elevation contour of the Inyan Kara Group in the Black Hills area, South Dakota. It is intended to support water resource management, planning, and decision-making processes.

DATA

The map data were derived from various sources, including U.S. Geological Survey (USGS) data, South Dakota School of Mines & Technology (SDSM&T) studies, and RESPEC’s own investigations. The map was produced using the ArcGIS software, version 10.6.

REFERENCES

The author thanks the Belle Fourche River Watershed Program, South Dakota Department of Environment and Natural Resources, and RESPEC for their support of this project. Ken Buhler (Water Resources) for access to the Water Rights database, and Alvis (RESPEC) for their support of this project, Ken Buhler (Water Resources) for access to the Water Rights database, and Alvis (RESPEC) for their support of this project.

ACKNOWLEDGMENTS

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The locations of wells and drill holes are interpreted to yield improbable elevations. In all cases where probable elevations were not determined, the data points were assumed to be accurate.

The contour interval on this 1:180,000-scale map is 100 feet in让用户读取自然。