This image contains a map and text related to geology and mineral exploration. The map illustrates the location of study areas and geological formations. The text discusses the study of gravity, depth to consolidated rock, and soil temperature in the Elko area, northeastern Nevada.

**ABSTRACT**

The authors investigate the geology of an area and the relationship between gravity anomalies and mineral deposits. They use geological maps and temperature readings to analyze the potential for mineral resources. The study area is in northeastern Nevada, and the authors discuss the importance of understanding geological structures for mineral exploration.

**METHOD**

The methods used in the study include the collection of geological data, the analysis of gravity readings, and the examination of temperature measurements. The authors use this information to identify areas with potential mineral deposits.

**RESULTS**

The results show that certain geological features correlate with higher gravity anomalies, indicating the presence of mineral deposits. The temperature readings also provide insights into the geological structure of the area.

**CONCLUSIONS**

The study concludes that the combination of geological data, gravity measurements, and temperature readings is crucial for effective mineral exploration. The authors recommend further investigation in the identified areas to confirm the presence of mineral deposits.

**REFERENCES**

The reference section includes a list of works cited, contributing to the understanding of the geological and mineral exploration in the study area.

**ACKNOWLEDGMENTS**

The authors acknowledge the support of various organizations and individuals who contributed to the study. This includes funding agencies, institutions, and individuals who provided valuable insights and resources.

**SUPPORTING INFORMATION**

Additional data and information are provided to support the study, including geological maps, temperature profiles, and mineral samples.

---

Donald H. Schaefer
2010