

SOLUTION MINING RESEARCH INSTITUTE

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MEETING
PAPER



GEOPHYSICAL MEASUREMENTS
IN SALT
PAST, CURRENT, FUTURE

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GEOPHYSICAL MEASUREMENTS IN SALT
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I INTRODUCTION

This paper is a summary of various geophysical methods applied to measurements in and through salt (domal and bedded). It presents a short discussion of methods and techniques used in the past along with newer methods currently being used, and a suggestion on what the use of several techniques might bring us in the future. SMRI and its predecessor group have supported research in the past on individual studies involving electrical resistivity, reflection, strain field measurements, and gravity.

As an example of the special use of more than one method or technique the paper will end with a discussion of the analysis of three techniques used in the post event investigation of the 1980 Jefferson Island Mine inundation.

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