

SCINTREX

A BRIEF REPORT ON
DOWN-HOLE AND APPLIED POTENTIAL SURVEYS
ON MD-39, AT MOINA, NORTHERN TASMANIA
CARRIED OUT FOR
SHELL COMPANY OF AUSTRALIA LTD.
(METALS DIVISION)

INTRODUCTION

At the request of Mr. R. Wright, Chief Geologist for Shell Metals, Scintrex Pty. Ltd. executed down-hole and around hole induced polarization and resistivity surveys on drill hole MD-39 in the Moina area, Northern Tasmania.

The surveys were conducted over $4\frac{1}{2}$ production days between 11th and 16th November, 1980. The crew was under the immediate direction of Scintrex crew leader Mr. R. Prydon, assisted by Mr. P. Brown, BSc., and P. Dorney. Geological supervision was given by Mr. W. Smythe of Shell Metals.

EQUIPMENT

A Scintrex IPTAA 2.5Kw induced polarization transmitter was used for both the applied potential and down-hole surveys. Resistance in series with the down-hole electrode was used to decrease the output for the down-hole surveys.

A Scintrex IPR-10 induced polarization receiver was used to monitor