INTRODUCTION

RICHARDSON MCSHARRY (RM) have been asked by Getty Oil Development Corp. (GODC) to examine data from the Colebrook Hill prospect and provide assistance in interpreting and assessing the importance of geophysical anomalies in the area.

The Colebrook Hill prospect is one of several prospects in the Mt. Black E.L. No. 1/62 in Tasmania, currently being explored by E.Z. Industries Pty. Ltd. (EZ) in joint venture with GODC.

Testing of geophysical anomalies by diamond drilling has not been encouraging. Also, there is some uncertainty as to whether the anomalies have been explained by this drilling and whether further testing of geophysical anomalies is warranted.

RM have been specifically requested to determine whether there is geophysical evidence for a deep seated body of sufficient size and economic potential to justify drilling. The problem is expressed in terms of conductive bodies by I. R. MacDonald.

> "....the key problem on Colebrook Hill; namely, are there significant deeper conductive sources under the hill, or are the apparent deep responses only the sum effect of several near surface sources?"
> Mt. Black E.L.1/62 Progress Report July 1980 - June 1981.

Because of the need to determine on-going drilling requirements as quickly as possible, this study has been brief and has been limited to examination of available information, contouring of magnetic data, and some modelling work.