

5. BOBADIL (F. G. FitzGerald)

5.1. Introduction

A strong zinc in soil anomaly was delineated by EZ Company during exploration in 1974/75 over the Bobadil area, north of the Rosebery Mine Lease. Although no follow-up activity was carried out by EZ Company, a 2 square kilometre area, which covers part of this anomaly was excluded from the Joint Venture agreement over EL 1/62 with GODC (See Figure 1).

Following signing of the supplementary agreement and the formation of the Rosebery East project in 1983, GODC reviewed the EZ Company results and decided to assess that part of the Bobadil soil anomaly which lay outside the exclusion area. The prospect lies 3km north along strike from the Rosebery deposit and is adjacent to the EL boundary (See Figure 14).

5.2. Previous Exploration

The EZ Company carried out detailed exploration of the Bobadil area between 1973 and 1975. The imperial Rosebery Mine grid was extended to cover the area at an initial 800ft (244m) line spacing. The grid was geologically mapped, sampled by hand auger soil geochemistry and surveyed by gradient array IP. A strong zinc, with minor lead, in soil anomaly was identified and detailed by in-fill gridding and sampling along 200ft (61m) spaced lines. Soil profiles were examined by sampling of pits dug over the anomaly. No high bedrock values were obtained and the zinc anomaly was interpreted as hydromorphic enrichment associated with iron and manganese oxides within the soils.

A semi-reconnaissance dipole-dipole IP survey of the Mine Lease in 1983 by EZ Company covered part of the Bobadil area. This survey was accompanied by a ground magnetic survey, detailed geological mapping and restricted additional soil pitting (See discussion, Section 5.4.4.).