

included scattered stream sediment sampling, geological mapping (predominantly along grid lines and the Pieman River), soil geochemical sampling (at 50ft.intervals along 400 to 800ft. spaced lines, with limited in-fill lines), gradient array IP and ground magnetic surveys along all grids and a restricted dipole-dipole IP survey along specific lines.

Previous geological mapping had noted the widespread occurrence of sulphide mineralization, particularly within, and to the north of, the Pieman River gorge. A broad zone, up to 600m wide, of chloritic alteration was identified, centred on the Cutty Sark workings. Moderate geochemical and IP anomalies were delineated within this zone, but were not drill tested. Another IP anomaly was located on line 11,500N 25W in 1974/75 and confirmed in 1983 and a drill test recommended. A moderately weak, but persistent, zinc with minor lead in soil anomalous zone was outlined along strike to the south of the massive sulphide clasts by the EZ Company. This area was not investigated further.

4.3. Work Completed

The following work has been completed by GODC during the 1983/84 period.

Gridding: The existing Cutty Sark grid (an extension of the imperial Rosebery Mine grid) was recut and in-filled to give complete coverage of the area at a nominal 400ft. (122m) line spacing. All 10 lines from 9,100 to 12,700N were pegged at 50ft. (15m) slope-corrected intervals. A total of 10.3km of gridding was completed. In addition, two 1km long tie lines were cut for transmitting loops as part of a UTEM survey over the area.

Creek surveys: A total of 2.7km along all significant creeks draining the area was cut open and tape and compass surveyed.

Geological mapping: The surveyed creeks, all bulldozed access and logging tracks and grid lines were mapped at 1:2,500 scale.