32 mV/V against a background of 17 mV/V, while resistivity decreases to the west across the chargeability anomaly from 8,000 to 3,000 ohm-metres. The magnetic anomaly co-incides with the chargeability anomaly and peaks at 62,840 gammas against a background of 62,700 gammas.

Both holes were drilled from the same site on the western rim of the gorge at the end of the 2.9 km access track established from Howard's Road during 1979-80. D.D.H. HR4 was stopped at 310.6 m due to excessive steepening, and HR5 successfully intersected the target zone, commencing with a flatter collar angle. See Figure 61.

2. D.D.H. HR4 /

Collar Location:	Line 9N, 2240E (west bank)
Collar R.L.:	455 m A.S.L.
Bearing:	75° magnetic
Inclination:	-69°
Hole Length:	310.6 m
Commenced:	18th June, 1980
Completed:	3rd July, 1980

As indicated above, the hole was first surveyed at 235.6 m when it was found that the inclination had steepened to -78°. Measures to flatten the hole were taken including a change from flat-face to multi-step bits, but the next survey at 310.6 m indicated that the hole had steepened further to -80°. Consequently the hole was stopped. Flat-face bits were used in the early part of the hole to keep the hole straight as excessive flattening may have resulted in the hole coming out of the ground on the steep side of the gorge, which slopes east at 30°.

The hole intersected trace to minor galena and pyrite in mixed andesite lavas from 215.8 m to 310.6 m.

Summary Log of HR4:

0 - 63.5 m:	M.g. felsic crystal-vitric tuff
63.5-127.6 m:	F.g. to m.g. dark green basalt
127.6-191.0 m:	C.g. porphyritic andesite lava
191.0-215.8 m:	F.g. dark green basalt
215.8-287.7 m:	C.g. porphyritic andesite lava, locally altered with trace Py, Gn
287.7-310.6 m:	F.g. autobrecciated andesite lava with minor disseminated pyrite.

3. D.D.H. HR5 /

Collar Location:	As for HR4
Collar R.L.:	As for HR4
Bearing:	70° magnetic
Inclination:	-52°
Hole Length:	421.5 m
Commenced:	7th July, 1981
Completed:	30th July, 1981

The hole intersected the complete thickness of the andesitic sequence and terminated in purple hematitic tuffaceous siltstones. The sulphide mineralisation was minor veinlet sphalerite in sheared felspar porphyritic andesite lava from 289.5 m to 339.6 m.

Geophysical E.I.P. logging of the hole to 350 m using a 2 m dipole spacing indicated that the hole intersected the source of the surface