

mapping was initiated after the results of R.H. 17 were known and it became obvious that structures in the Owen Conglomerate were of importance.

In 1983, re-logging of previous Selina drill holes L.S. 6, 4 and 5, all drilled into the Western Pyrite Zone was commenced by G. Purvis, however at this stage only the L.S. 6 re-log has been completed.

Volcanogenic massive sulphide deposits were the target of the drilling at Selina. In terms of this model, the pyrite zones were thought to be stockworked footwall mineralization. Two of the holes, L.S. 11 and L.S. 10 were drilled into the Eastern Pyrite Zone, L.S. 10 being planned to test relatively high rock chip geochemical values with a coincident chargeability anomaly and L.S. 11 testing the widest chargeability anomaly. L.S. 9, the first completed hole, was drilled to test a similar I.P. response near the Western Pyrite Zone. The last hole, L.S. 12 was designed to test for a northern extension to the Western Pyrite Zone and also to test the possibility of structurally controlled mineralisation in the vicinity of the Owen Conglomerate/Selina Volcanics contact. All four holes are shown on Figure 10. Previous drilling at Selina, almost all in the Western Pyrite Zone, encountered intense pyritic alteration containing low base metal and precious metal values.