

Lode A3

Lode A3 was exposed in the main drive of Adit No. 1 and in the final part of Adit No. 3.

The channel sampling of Adit No. 1 has shown that the lode is formed by five galena-sphalerite lenses separated by long, lower grade or barren, sections. The length of the lenses ranges from a minimum of 35 feet to a maximum of 150 feet or probably more if we consider that most of the stope areas were not sampled and that Lens No. 5 is open at its southern extremity.

Lens No. 5 (refer to Drg. B.164) is the one which exhibits better continuity of "ore grade" averaging over a length of 70 feet and a width of 7.5 feet, 3.47% Pb, 11.47% Zn and 2.41 oz Ag. An important feature is the splitting up of this lens toward the end of the main drive into two branches, 'Alpha' and 'Beta' from east to west. Split 'Alpha' was followed and partly stoped in the main drive but the roof of the adit has collapsed 10 feet past the nearby rise to Adit No. 3, and no sampling was carried out by Geophoto. Split 'Beta' was crosscut near the junction of the two splits, and minor drifting in a southerly direction was undertaken. This split was regularly channel sampled and the assays obtained from the sampling of the face (channel 165) show that ore grade persists at the end of the drift. The splitting up of Lens No. 5 is also shown by boreholes S.C.11 and S.C.11A and probably S.C.10. Boreholes S.C.11 and S.C.11A show that at about 100 feet below the level of the adit, branch 'Alpha' (1,027' A.S.L.) still exhibits pay width and grade while branch 'Beta' (1,058' A.S.L.) is narrow and low grade. At about 80 feet above the level of the adit the width of branch 'Alpha' (1,201' A.S.L.) is still considerable but the grade has deteriorated, and branch 'Beta' (1,210' A.S.L.) is low grade although both metals content and width are better than in 1,058' A.S.L. intersection. The width of the mass of country rock between branch 'Alpha' and branch 'Beta' appears to range from 5 feet to 10 feet in bore holes S.C.11 and S.C. 11A.