

Galmoy - Lundin Mining Corporation



The Galmoy zinc-lead deposit, owned and operated by the Lundin Mining Corporation, was discovered in 1986. A number of sulphide orebodies occur approximately 70m below surface, hosted in basal Waulsortian (Lower Carboniferous) "Reef" mudbank limestones. The host rock has been extensively dolomitized and brecciated, and the mineralization is regarded as stratabound replacement. Production at Galmoy commenced in early 1997.

In 2007 Galmoy Mines Ltd, a subsidiary of **Lundin Mining Corporation**, milled ore amounting to 446,908t at 12.4% Zn and 3.4% Pb. This yielded concentrates containing 45,282t of zinc metal and 10,980t of lead metal. In addition, the ore yielded 129,279 ounces of silver. Production in 2007 was less than scheduled due to a combination of labour and technical problems (the latter related to backfill quality), however the production levels of the final quarter of the year were very encouraging. At the end of December 2006, Reserves (Proven and Probable) totalled 2.58Mt at 15.0% Zn, 4.3%

Pb and 40g/t Ag. In addition, Resources (Measured and Indicated only) amounted to 1.46Mt at 16.7% Zn and 3.6% Pb, with 32g/t Ag. Between 1997 and 2006, Galmoy has produced a milled tonnage of 5.67Mt at 11.4% Zn and 2.3% Pb. The expected life of mine is four years.

References:

- Lowther, J.M., Balding, A.B., McEvoy, F.M., Dunphy, S., MacEoin, P., Bowden, A.A. and McDermott, P., The Galmoy Zn-Pb orebodies: structure and metal distribution - clues to the genesis of the deposits. In: Kelly, J.G., Andrew, C.J., Ashton, J.U., Boland, M.B., Earls, G., Fusciardi, L. & Stanley, G. 2003. *Europe's Major Base Metal Deposits*. Irish Assoc. Econ. Geol., Dublin 437-454
- Doyle, E., Bowden, A.A., Jones, G.V. and Stanley, G. The geology of the Galmoy Zn-Pb deposits, Co. Kilkenny. In: Bowden, A.A., Earls, G., O'Connor, P.G. and Pyne, J.F., 1992. *The Irish Mineral Industry 1980 - 1990* Irish Assoc. Econ. Geol., Dublin 211-225
- The Lundin Mining Corporation website (<http://www.lundinmining.com/s/Galmoy.asp>)



Safety pillar underground



Underground operations at Galmoy



Surface view