

Zinco Mining Reports on Drilling Results for Jesus Maria, Cuale District, Jalisco VMS Project

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SURREY, 10/12/11 - [Zinco Mining Corporation](#) (TSX VENTURE: ZIM) (FRANKFURT: 61Z) is pleased to announce that it has obtained complete assay results for 579.5 meters of HQ diamond core drilling in holes ZIM43 to ZIM47 from Jesus Maria, a past-producing open pit mine in the Cuale VMS District, Mexico. The primary objective of this stage of core drilling was to clarify the geological context of RC drill hole ZIM30, located 60 m east of the open pit, that returned values of 5.01% zinc, 1.39% lead, 0.21% copper, 14 g/t silver and 72 ppb gold across 41.8 meters.

Overall, Zinco is very pleased with the results from this stage of drilling for the following reasons:

- The valuable reverse circulation (RC) intercept of ZIM30 was confirmed and expanded with core drilling.
- It provided the geological context for the zinc rich mineralization. Geologically, zinc-rich massive sulfide occurs in fine-grained sediments under a rhyolite flow-dome. The geometry of this geology can be used to guide further drilling.
- A new zone of precious-metal rich mineralization was discovered in the flow-dome, above the base-metal rich horizon.
- Clear lithogeochemical vectors for zinc rich mineralization (molar K/Al of about 1) and feeder faults (molar Mg/Al greater than 0.75) are present and can be used to help model the hydrothermal system and target further exploration drilling.

Core hole ZIM45, collared 5 m southeast of ZIM30 and drilled northerly (essentially a twin of ZIM30) returned values of 3.1% zinc, 0.54% lead, 0.14% copper, 9 g/t silver and 45 ppb gold across 31 meters. ZIM46, drilled 30 meters west of ZIM45 and oriented northeasterly, returned values of 4.74% zinc, 1.10% lead, 0.21% copper, 13 g/t silver and 91 ppb gold across 31.5 meters.

Geologically, zinc-rich mineralization at Jesus Maria occurs below a phenocryst-poor rhyolite flow-dome characterized by complex flow banding and chaotic flow-breccias on the order of 150 meters thick. Below the flow-dome, there are about 40 meters of thinly laminated to medium bedded fine tuffs and cherts that host the zinc-rich massive sulfide. The mineralization consists of honey yellow to red sphalerite with galena, chalcopyrite and minor pyrite. These metalliferous fine sediments grade downwards into about 70 meters of coarse-grained, thickly bedded lapilli tuffs. Below the tuffs, the rock consists of phenocryst poor, devitrified rhyolite with abundant lithophysae, spherulites and perlitic fractures. Devitrified rhyolite also underlies the San Juan and Naricero VMS deposits in the Cuale District.

The flow-dome above the zinc-rich massive sulfide horizon also contains gold and silver rich mineralization. Specifically, Hole ZIM43, collared 45 m northeast of ZIM30, intercepted 6 meters of 36 g/t Ag and 0.78 g/t Au in rhyolite flow breccia cross-cut by calcite veining. Similarly, Hole ZIM44, collared 70 meters north of ZIM30 intercepted 24 meters of 66 g/t silver and 0.38 g/t gold, but without any calcite veins. Neither of these two holes was drilled deep enough to cut through the rhyolite flow dome into the underlying zinc-rich sediments.

Hole ZIM47, drilled 65 meters east of ZIM30 and oriented easterly, probably crossed a major fault marked by a diorite dike in the upper part of the hole. Although it did eventually intercept the cherty sediments that host massive sulfides in Holes ZIM30, 45 and 46, the alteration is characterized by massive black chlorite with chalcopyrite and pyrite, minerals typically found in feeder faults or alteration pipes of VMS deposits. From the analytical data, the chlorite alteration is apparent from high molar Mg/Al ratios in excess of 0.75 (with lower values reflecting partial rather than complete alteration of rhyolite to Mg rich chlorite). By way of contrast, molar Mg/Al ratios of the ore-grade intercept in ZIM46 are all less than 0.09. However, molar K/Al ratios for the intercept of ZIM46 are all close to a value of 1, a number that implies potassic alteration in the form of K-feldspar could be present. K-feldspar is not especially common in the VMS environment, but has been documented in the footwall to Eskay Creek, northern British Columbia. Sericite, a more typical alteration mineral in VMS systems, including Cuale, has a K/Al ratio of 1/3.

Further work, including drilling, is planned at Jesus Maria and other promising targets on Zinco's

concessions.

Table 1. HQ diamond drill hole intercepts from Jesus Maria, Cuale VMS District, Jalisco, Mexico

Hole ID	From (m)	To (m)	Interval (m)	Silver (g/t)	Gold (ppb)	Copper (ppm)	Lead (ppm)	Zinc (ppm)
ZIM43	42.00	48.00	6.00	36	778	9	41	242
ZIM44	8.00	32.00	24.00	66	383	67	289	232
ZIM45	68.00	99.00	31.00	9	45	1373	5354	31346
ZIM46	77.00	89.00	12.00	29	89	427	4951	9387
ZIM46	89.00	121.00	32.00	9	27	93	1473	3275
ZIM46	121.00	152.50	31.50	13	91	2066	10738	47422
ZIM47	63.00	64.00	1.00	11	48	1073	6065	8047
ZIM47	124.00	140.00	16.00	1	6	28	10	3539
ZIM47	150.00	152.00	2.00	5	8	4736	20	149

Qualified Person

This press Release was reviewed by Michelle Robinson, M.A.Sc., P.Eng., a Director of Zinco Mining Corporation, who acts as Zinco's Qualified Person as defined by NI 43-101. Geochemical assaying done by Zinco was completed by Acme Analytical Laboratories according to the procedures described in Zinco's News Release (NR 2011.05) dated 17 August 2011.

ON BEHALF OF THE BOARD,

David Elgee
PRESIDENT

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