



ASX / MEDIA ANNOUNCEMENT

30 May 2007

## AZURE CONFIRMS HIGH GRADE MINERALISATION AT JAGÜEY

**Azure Minerals Limited** (ASX: AZS) today announced that it has received high grade assay results from drilling on the **Jagüey Project** in Sonora, Mexico, as part of its continuing second phase diamond drilling campaign.

Three holes were drilled at Jagüey for a total of 406 metres with all three intersecting high grade silver, lead and zinc mineralisation. This program was designed to follow-up the spectacular high grades returned from initial diamond drilling undertaken in 2006 (including: **0.7m @ 3,180g/t Ag, 12.8% Pb & 6.2% Zn**). Jagüey is one of 14 projects held in joint venture with Geoinformatics Exploration Inc (TSX: GXL), in which Azure is earning an initial 51% interest.

Highest grade drill intercepts returned from the recent program include:

**JAG-DD-008 2.5m @ 322g/t silver, 2.7% lead & 2.1% zinc from 60.5m**

**Incl: 0.5m @ 791g/t silver, 7.0% lead & 7.9% zinc from 60.5m, and  
0.5m @ 786g/t silver, 6.1% lead & 1.8% zinc from 62.5m**

**JAG-DD-007 0.5m @ 728g/t silver, 2.4% lead & 1.3% zinc from 17.5m,  
0.5m @ 154g/t silver, 3.8% lead & 4.0% zinc from 44.5m, and  
0.5m @ 400g/t silver, 4.8% lead & 3.1% zinc from 60.0m.**

A list of mineralised drill hole intercepts is contained in Table 1. Details of drill hole locations are shown in Table 2.

Drilling confirmed the presence at Jagüey of a sheeted vein system comprising numerous massive sulphide veins of sphalerite (zinc sulphide) and galena (lead sulphide) mineralisation containing high silver, lead and zinc grades.

The host rock of these sulphide veins is strongly altered volcanics which also contain disseminated sulphide mineralisation (pyrite, chalcopyrite, sphalerite and galena) between the veins.

The presence of surface mineralisation is evidenced by historical mine workings, including shafts and adits, which exploited the weathered component of the mineralised veins. Sulphide mineralisation commences about 10 metres below surface and is open at depth.

Drill hole intercepts and surface workings indicate that the vein system has a north-south strike length of at least 150 metres and an overall width of approximately 50 metres. Additional historical workings are located 250 metres along strike to the north, and also on a parallel vein system 700 metres to the southwest of the drilled area.

Further exploration, comprising detailed mapping, rock and soil sampling, downhole and surface geophysical surveys and diamond drilling, will be undertaken to test for zones of more intensive mineralised veining.

---

## **CONTINUING DRILLING CAMPAIGN**

Drilling has now moved to the La Bufa molybdenum prospect (in the San Nicolas Project), where a three hole diamond drilling program is in progress. Assay results for the La Bufa drilling are expected about mid-June.

The La Bufa prospect is situated in a well mineralised district, located about three kilometres west of the Los Verdes molybdenum-copper-tungsten deposit (12Mt @ 0.12% Mo, 0.43% Cu & 0.08% W) and two kilometres south of the La Cruz Mo-Cu-W deposit.

Previous trenching and channel sampling across the mineralised zone returned highly anomalous intervals, including 30m @ 800ppm Mo, 32m @ 560ppm Mo, and 8m @ 1,100ppm Mo. Individual samples collected from outcrop returned very high molybdenum grades, peaking at 5,340ppm Mo (0.534% Mo).

## **100% OWNED PROJECTS**

Azure also holds applications for three 100%-owned projects totalling 26,650 hectares (266.5km<sup>2</sup>) in Sonora, and anticipates further projects will be added to this portfolio through its ongoing program of target identification and project acquisition. Exploration on these recently acquired projects will be carried out as a matter of priority. See Figure 1 for project locations.

-ENDS-

### **For further information, please contact:**

Tony Rovira  
Managing Director  
Azure Minerals  
+61 8 9481 2555

Shane Murphy  
Porter Novelli  
+61 8 9386 1233  
+61 (0)420 945 291

or visit [www.azureminerals.com.au](http://www.azureminerals.com.au)

*The information in these documents that relates to Exploration Results is based on information compiled by Mr Tony Rovira, who is a Member of The Australasian Institute of Mining and Metallurgy. Mr Rovira is a full-time employee of Azure Minerals Limited. Mr Rovira has sufficient experience which is relevant to the style of mineralisation and type of deposit under consideration and to the activity which he is undertaking to qualify as a Competent Person as defined in the 2004 Edition of the "Australasian Code for Reporting of Exploration Results, Mineral Resources and Ore Reserves". Mr Rovira consents to the inclusion in the documents of the matters based on his information in the form and context in which it appears.*

## **JOINT VENTURE BACKGROUND**

Azure holds 14 projects in Sonora, Mexico in joint venture with TSX-V listed Geoinformatics Exploration Inc (TSX-V: GXL). Under the terms of the joint venture agreement, Azure must spend US\$4 million on the projects by July 2009 to earn a 51% interest. If GXL elects not to contribute at that stage, Azure can increase to a 75% interest in all projects by sole funding a pre-feasibility study by July 2011.

To date, Azure has spent approximately US\$2.5 million on joint venture exploration. See Figure 1 for project locations.

**FIGURE 1: AZURE PROJECT LOCATIONS**



**TABLE 1: SIGNIFICANT DRILL INTERCEPTS – JAGÜEY PROJECT**

Hole No	From (m)	To (m)	Interval (m)	Silver Ag (g/t)	Lead Pb (%)	Zinc Zn (%)	Copper Cu (%)
JAG-DD-006	21.5	22.0	0.5	68	1.7	2.6	
	81.5	82.5	1.0	62	1.9	1.0	
JAG-DD-007	17.5	18.0	0.5	158	3.5	5.6	
	19.0	19.5	0.5	728	2.4	1.3	
	24.0	24.5	0.5	145	3.7	0.9	
	44.5	45.0	0.5	154	3.8	4.0	
	51.5	52.0	0.5	48	1.0	1.4	
	60.0	60.5	0.5	400	4.8	3.1	
JAG-DD-008 incl: and	60.5	63.0	2.5	322	2.7	2.1	
	60.5	61.0	0.5	791	7.0	7.9	
	62.5	63.0	0.5	786	6.1	1.8	
	70.0	70.5	0.5	305	4.2	0.8	
	87.0	87.5	0.5	96	1.8	1.2	
	97.5	98.0	0.5	518	0.9	0.3	2.2
	107.0	107.5	0.5	83	1.3	1.6	
	113.5	114.0	0.5	52	1.7	2.4	

**TABLE 2: DRILL HOLE DETAILS – JAGÜEY**

Hole No	North (mN)	East (mE)	RL (mASL)	Dip	Azimuth	Hole Length (m)
JAG-DD-006	3 177 045	688 680	849	-50°	090°	150.0
JAG-DD-007	3 176 910	688 685	903	-50°	080°	86.4
JAG-DD-008	3 176 890	688 660	908	-60°	090°	170.4

*Samples were all half core and assayed by ALS-Chemex (Vancouver) using ICP-AES and fire assay (for gold) methods.*