

## **Horizonte Minerals plc ('Horizonte' or 'the Company')**

### **Hits Multiple High Grade Silver Intercepts**

Horizonte Minerals plc, the AIM listed exploration and development company focussed on Brazil and Peru, is pleased to announce results from the initial 5 holes of the 11 hole core drilling programme completed on its 100% owned El Aguila silver-lead-zinc-gold project, located in the Cerro de Pasco mining district, central Peru. All the holes reported here returned economic intersections within zones of pervasive mineralisation and alteration.

#### **Highlights**

- DDH1 7.75 meters grading 101.9 g/t Ag with 1.23% Pb and 1.09% Zn
- DDH2 2.25 metres grading 285 g/t Ag with 7.91% Pb and 9.90% Zn
- DDH3 4.03 metres grading 229 g/t Ag with 4.77% Pb and 5.00% Zn
- DDH4 10.43 metres grading 173 g/t Ag with 1.39% Pb and 1.22% Zn
- DDH5 13.73 meters grading 137 g/t Ag with 2.65% Pb and 3.14% Zn

The Company has drilled 11 holes totalling 1,350 metres with results for the remaining holes due shortly. The aim of the programme was to test the lateral and vertical continuity of the Veta Norte and Veta Sur polymetallic replacement structures. These drill results confirm the data received from the surface and underground sampling programme completed in July 2006, which indicated substantial widths of mineralisation adjacent to the Veta Norte and Veta Sur. The drill confirmation of the high sulphidation replacement style mineralisation similar to that of the Cerro De Pasco polymetallic mine is significant for the tonnage potential of the project.

El Aguila is hosted within a hydrothermal breccia pipe below silicified Pucarra Limestone, which is the main host rock to the producing polymetallic mines around the Cerro de Pasco district. Mineralisation occurs in the form of massive sulphide and stockwork veins with associated mineralised hydrothermal breccia.

Two holes were drilled off Pad 1; HM-DDH1 at -50° and HM-DDH2 at -70° to test the part of the system at the 4,230 metre level. HM-DDH1 intersected 4 zones of Ag-Pb-Zn mineralisation with the best zone being 7.75 metres from 76.25 metres down hole grading 101 g/t Ag with 1.23% Pb and 1.09% Zn. HM-DDH-2 also hit a number of silver zones with the best being 2.25 metres from 115.93 meters down hole grading 285 g/t Ag with 7.91% Pb and

9.9% Zn which correlated with 3 metres grading 141 g/t Ag in HM-DDH-1. These two holes confirmed the depth continuity of the Veta Norte and Veta Sur systems to 120 metres depth from surface.

Drill holes HM-DDH3 at -50° and HM-DDH4 at -70° sited off Pad 2 were drilled 50 metres along strike from Pad 1 and at an elevation of 4,260 metres. HM-DDH-3 intersected an interval of 14.13 metres at 25.92 meters down hole grading 145. g/t Ag with 2.52% Pb and 2.45% Zn including the interval of 4.03 metres with 229 g/t Ag with 4.77% Pb and 5.00% Zn. HM-DDH-4 confirmed the extension of the Veta Sur to 120 metres depth where it returned 10.43 metres from 46 meters down hole grading 173 g/t Ag with 1.39% Pb and 1.22% Zn.

HM-DDH-5 drilled at -50°, was sited approximately 180 metres to the east of HM-DDH-1 at an altitude of 4,288 metres intersected the Veta Sur. The entire drill hole from surface to end of hole intersected 57.95 meters grading 64 g/t Ag with 1.43% Pb and 1.92% Zn, the mineralised zone being much wider than expected. The hole also returned a high grade interval of 3.23 metres from 53.37 meters down hole grading 238 g/t Ag with 3.97% Pb and 2.97% Zn.

Drill Hole	From (m)	To (m)	Interval (m)	Ag (g/t)	Pb (%)	Zn (%)
<b>HM-DDH1</b>	2.00	10.00	<b>8.00</b>	49.50	2.30	1.21
	51.25	56.50	<b>5.25</b>	139.19	1.39	0.78
	76.25	84.00	<b>7.75</b>	101.96	1.23	1.09
	92.46	106.80	<b>14.34</b>	66.49	1.79	1.53
<b>Including</b>	<b>103.75</b>	<b>106.80</b>	<b>3.05</b>	<b>139.62</b>	<b>3.63</b>	<b>2.75</b>
<b>HM-DDH2</b>	2.00	12.30	<b>10.30</b>	43.41	2.25	1.05
	82.00	102.00	<b>20.00</b>	51.40	1.20	0.90
	115.93	118.18	<b>2.25</b>	<b>285.00</b>	<b>7.91</b>	<b>9.90</b>
<b>HM-DDH3</b>	25.92	40.05	<b>14.13</b>	145.10	2.52	2.45
<b>Including</b>	<b>28.97</b>	<b>33.00</b>	<b>4.03</b>	<b>229.07</b>	<b>4.77</b>	<b>5.00</b>
<b>HM-DDH4</b>	46.00	56.43	<b>10.43</b>	173.99	1.39	1.22
	69.57	70.00	<b>0.43</b>	289.00	4.21	2.02
<b>HM-DDH5</b>	0.00	57.95	<b>57.95</b>	64.22	1.43	1.92
<b>Including</b>	<b>44.22</b>	<b>47.27</b>	<b>3.05</b>	<b>231.13</b>	<b>5.36</b>	<b>1.97</b>
<b>Including</b>	<b>53.37</b>	<b>56.60</b>	<b>3.23</b>	<b>238.81</b>	<b>3.97</b>	<b>2.97</b>

Horizonte CEO Jeremy Martin said: “El Aguila is turning out to be very exciting; the initial drill results are extremely encouraging, especially as we are getting mineralisation over extensive widths. Importantly the grades are inline with producing mines in the Cerro de Pasco district. We are confident once we receive the results for the remaining 6 holes that on the basis of grade and most

*importantly with continuity seen to date, we will be in a position to look at releasing a resource statement for El Aguila. The infrastructure in place at the project is excellent, we have a granted mining licence and surfaced road to Cerro de Pasco and the associated process facilities, permitting the fast track development of this project*

*“With this in mind and with the early encouraging results from Tangara in Brazil and our developing pipeline, Horizonte is in a position to grow through its focussed approach of generative exploration”*

### **Sampling, assaying, and QA/QC**

Procedures adopted by Horizonte in the collection, preparation and storage of samples from the auger drilling programme, conform to industry-wide best practice and with chain of custody being observed for all samples. Analysis is undertaken by ALS Labs at its laboratories in Vancouver, Canada, and the Company maintains QA/QC on all analytical work via the inclusion of certified reference materials and field duplicates and blanks, in addition to monitoring of the laboratory’s own internal check-analyses.

The above information has been reviewed and verified by Mr. Jeremy Martin, a Director and Chief Executive of Horizonte, for the purposes of the Guidance Note for Mining, Oil and Gas Companies issued by the London Stock Exchange in March 2006. Mr. Martin, with six years of mining and management experience, graduated with a degree in geology from the Camborne School of Mines, and an MSc in mineral exploration from the University of Leicester and is a member in good standing with the Society of Economic Geologists and the Institute of mining Analysts.

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**For further information visit [www.horizonteminerals.com](http://www.horizonteminerals.com) or contact:**

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### **Notes to Editors:**

Horizonte Minerals Plc is an AIM listed mineral resources exploration group focussed on the discovery, appraisal and development of gold and base metal deposits in Brazil and Peru. The Group has two gold exploration projects in Brazil, and one silver-zinc-lead project in Peru. The two Brazilian gold projects, Tangara and Falcao, are located to the south of the highly prospective Carajas Mineral Province. Both projects cover an area of approximately 300 sq km and are centred over greenstone belts, with known gold mineralisation. The scale of these project areas, the overall aerial extent of the mineralised system and the high density and

magnitude of related gold anomalies (identified in river sediments, surface soils and rocks), indicate the potential for multiple deposit discoveries. The silver-zinc-lead project is located in the historic mining district of Cerro de Pasco in Central Peru. Sampling and limited historic drilling on this project has demonstrated the high grade potential of this project. The Group has a joint venture with Australian gold producer Troy Resources NL's 70% owned local subsidiary Sertao Mineracao Ltda to advance its Goias Velho gold exploration project in Brazil.