

**Horizonte Minerals plc ('Horizonte')**

**Drilling Report - Further High Grade Silver Intersected at El Aguila**

Horizonte Minerals plc ('Horizonte' or 'the Company'), the AIM listed exploration and development company focused on Brazil and Peru, is pleased to announce further encouraging drill results from its 100% owned silver-lead-zinc project at the El Aguila project located in the world class Cerro de Pasco district of central Peru. Results of significance are summarised below:

**Zona Sur Highlights**

Drill Hole	Drilling Depth From (metres)	Drilling Depth To (metres)	Interval Metres	Ag g/t	Pb %	Zn %
HMDDH-12	114.0	117.0	<b>3.0</b>	<b>64.0</b>	0.69	1.21
	155.80	156.13	<b>0.33</b>	<b>319.55</b>	3.57	4.59
	157.26	157.55	<b>0.29</b>	<b>627.9</b>	8.17	7.13
HMDDH-13	42.98	44.07	<b>1.09</b>	<b>207.59</b>	3.49	2.75
	80.30	81.0	<b>0.70</b>	<b>367.31</b>	2.43	4.93
HMDDH-14	52.00	57.00	<b>5.0</b>	<b>199.04</b>	0.54	0.34
HMDDH-15	4.47	6.98	<b>2.51</b>	<b>115</b>	1.62	0.48
HMDDH-18	58.80	60.83	<b>12.03</b>	<b>112.97</b>	0.82	1.63
	136.0	138.0	<b>2.0</b>	<b>93</b>	0.22	0.18

**Pacos Hill Highlights**

Drill Hole	Drilling Depth From (metres)	Drilling Depth To (metres)	Interval Metres	Ag g/t	Pb %	Zn %
HMDDH-19	56.12	56.42	<b>0.30</b>	<b>531</b>	8.13	3.76
HMDDH-20	56.0	74.0	<b>18.0</b>	<b>133.70</b>	0.27	0.21
	93.68	94.38	<b>0.70</b>	<b>785</b>	12.1	2.84
HMDDH-21	49.90	50.97	<b>1.07</b>	<b>218</b>	7.43	6.03
	51.85	57.25	<b>5.40</b>	<b>156.18</b>	4.98	3.86
	81.40	81.75	<b>0.35</b>	<b>242</b>	7.22	5.09
	96.0	102.17	<b>6.17</b>	<b>128.8</b>	4.61	3.36
	103.42	109.16	<b>5.74</b>	<b>176.62</b>	6.80	4.44
	112.10	114.30	<b>2.20</b>	<b>228.18</b>	6.81	7.44
	176.0	182.0	<b>6.00</b>	<b>215.5</b>	3.41	2.61

Horizonte CEO Jeremy Martin said, "We are gaining a better understanding of the mineralisation at El Aguila, with both target zones, Zona Sur and Pacos Hill returning good silver grades. The Zona Sur results demonstrate that there is high grade silver mineralisation at depth associated with the main structures that were mapped on surface.

The veins display good continuity but the width is the limiting factor. However we believe that these represent leakage structures from more consistent wider mineralisation at depth as witnessed at Pacos Hill.

“The results from the Pacos Hill drilling five kilometres to the north of the Zona Sur, are very exciting and have returned good zones of economic mineralisation. Hole DDH 21 in particular with multiple zones reporting plus 5 ounce silver demonstrate good continuity of mineralisation which continues to depth. The focus appears to be a sub vertical manto although at this stage we do not know what the vertical extent is on this body or if there are more of them at depth. This requires further deep drilling to increase the overall tonnage potential of the project.

“With silver now trading at 26 year highs we intend to continue to explore El Aguila and work towards a resource at Pacos Hill. The project location in one of Peru’s principal silver-zinc districts and with our exploration programme yielding these results, it all points to a project that we believe will be attractive to a larger mining company to develop and bring into production”.

### **Detailed Project Information**

A total of 1,526 metres was drilled in 10 holes over two target areas, Zona Sur and Pacos Hill. Seven wide spaced reconnaissance holes were drilled to test the geochemical and geophysical anomalies at the Zona Sur target area (HMDDH 12 to 18) and a further three holes were drilled to test the geophysical anomalies and depth extension to the mineralisation at the Pacos Hill target 5 km to the north (HMDDH 19 to 21).

The Zona Sur target has had no previous drilling. Over the last six months Horizonte has completed surface mapping, rock geochemical sampling and two phases of ground geophysics (Induced Polarisation (‘IP’) and magnetics), resulting in drill target definition. The drill holes covered a strike length of 400m along a major northeast-southwest orientated structure that has seen extensive colonial mining activity. The drill holes were located on 80m centres with inclinations varying from -55° to -75° (drill plan location is available on the website). The holes intersected narrow high grade polymetallic style mineralisation with fine grained disseminated pyrite hosted within dolomitised and silicified Pucarra Limestone, which is the main host rock to the producing polymetallic mines around the Cerro de Pasco. The narrow veins display good vertical and lateral continuity with high silver grades, maximum DDH12 returning 0.29m at 627.9 g/t Ag, however it is considered that these veins are distal to the main mineralised centre.

At Pacos Hill three drill holes were positioned to test the previously defined mineralisation to depth and coincident IP geophysical anomaly. DDH 19 was drilled at - 50° to test the

Veta Sur to a depth of 100m. DDH 20 was drilled at -60° to test the depth extension of the Veta Norte. This hole returned two zones of mineralisation with the deeper zone returning 18m grading 133g/t Ag hosted in the fractured Puccara limestone with hydrothermal breccia. The final hole of the programme, HMDDH-21, intersected 19 zones with greater than 5 oz/t Ag over its 206m drill length. These zones ranged from 0.35m to over 6m from 176m depth. It is the Company's view that this increase in intensity of silver mineralisation and associated alteration may indicate larger mineralised body at depth.

### **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 holds a degree in geology from the Camborne School of Mines and an MSc in mineral exploration from the University of Leicester. He is also a member of 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 exploration and development company with a portfolio of gold, nickel, silver, lead and zinc projects in producing mineral districts in Brazil and Peru. It has three primary projects working towards a resource definition including the 22,556 hectare Lontra nickel project situated in the Araguaia mobile belt, which flanks the eastern margin of the Carajas Mineral Province of northern Brazil, the silver-zinc-lead project El Aguilia in Peru, located in the historic mining district of Cerro de Pasco and the 300 sq km Falcao gold project located near the Lontra project. In addition it has a generative pipeline of early stage projects in development.

The Company is focused on generating and rapidly advancing exploration projects before joint venturing them with a major mining company to further develop the projects and provide mid-term cash flow, which can be fed back into the business and its other projects. This model was proven in December 2007 when Horizonte signed an option agreement with Troy Resources (ASX:TRY), to operate and develop its Brazilian Tangara gold project by expending a total US\$2.8 million on exploration and development as well as a royalty payment on production.