

12 June 2007

Horizonte Minerals plc ('Horizonte' or 'the Company')
Commences Second Phase Drilling on New Geophysical Targets
at the Tangara Gold Project

Horizonte Minerals plc, the AIM listed exploration and development company focused on Brazil and Peru, has commenced a 1,500m diamond drilling programme on its 100% owned Tangara gold project in the Carajas Mineral Province, northern Brazil, following the definition of five new combined geophysical and geochemical gold targets. The principal target has a total extent of over 500 metres.

Highlights

- New coincident geophysical and geochemical anomaly approximately 500m in length surrounding discovery drill hole DDH-04, which returned 35m grading 2.54 g/t gold.
- Second target area 300m to the north-west of DDH-04 with a strike length of approximately 400m.
- Two strong geophysical anomalies on the greenstone Rio Maria Granodiorite contact, situated beneath the strong gold and base metal soil geochemical anomaly north of the sulphide pit target.
- 1,500m diamond drill programme underway.

Following the first-phase drill programme at the end of 2006, Horizonte has completed detailed follow-up surface soil sampling and a ground Induced Polarization (IP) geophysical survey completed during the first week of June 07. A total 20.2 km with lines spaced at 200m width and 50m centres was run over the MA Trend, aimed at locating the main controlling structures responsible for generating the large surface gold anomaly. These base metal rich zones, as defined in drill-hole DDH-04 located at the contact with the felsic intrusives, are capable of hosting significant economic gold mineralisation.

The IP defined a strong chargeability anomaly on the same trend 350m to the west of DDH-04. This anomaly can be traced for approximately 250m to the east, giving a total target zone of over 500m with coincident surface gold geochemistry and the geophysical target at depth.

Two further strong chargeability anomalies were defined on the western contact zone of the greenstone belt with the Rio Maria Granodiorite, located 200m north of the sulphide pit target. The area overlying the geophysical anomaly has high order gold and base metal soil geochemical values.

Horizonte CEO Jeremy Martin said, “We are extremely excited by the results of the IP geophysical survey. The MA Target at the Tangara project is a very large scale gold system and the key is locating the controls on the gold mineralisation. We know from our discovery hole DDH-04 which returned 35m grading 2.54 g/t gold that there are economic zones of gold mineralisation in the system. The results of this recent geophysical programme, when integrated with the all the project data, validate our geological model and the new targets will be tested as part of the 1,500m programme. The initial holes will step out from DDH-04 and test the 500m long combined geochemical and geophysical anomaly along the intrusive contact.”

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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Notes to Editors:

Horizonte Minerals Plc is an AIM listed mineral resources exploration group focused on the discovery, appraisal and development of gold and base metal deposits in Brazil and Peru. The Group’s has two flagship gold exploration projects in Brazil, and one silver-zinc-lead project

in Peru as well as additional gold, zinc and nickel exploration projects in Brazil. 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. Additional projects include the 4,660 hectare on the prospective Achaean aged Crixas greenstone belt, where multiple nickel-copper anomalies have been defined and the 25,556 hectare Lontra Ni Project situated in the Araguaia mobile belt, which flanks the eastern margin of the Carajas Mineral Province of northern Brazil.