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Horizonte Minerals plc ('Horizonte' or 'the Company')
Advances Lontra Nickel Laterite Project, Brazil

Horizonte Minerals plc, the AIM listed exploration and development company focused on Brazil and Peru, has received encouraging nickel ('Ni') and cobalt ('Co') values from its ongoing exploration programme on the highly prospective Lontra Nickel Laterite project in the Carajas Mineral Province of Northern Brazil.

Overview

- Ongoing drilling programmes at two key targets, the Southern Anomaly and Raimundo Target.
- New drilling results from Southern Anomaly returns 4m at 1% Ni
- Follow-up 2000m auger drilling programme underway utilising three auger drill rigs on the Raimundo Target
- Drilling and mapping at Raimundo defined ultramafic rocks with Ni mineralisation over a 2 kilometre strike
- Two further new Ni targets to drill test

Horizonte CEO Jeremy Martin said, "The results from the Southern Anomaly are exciting with the initial test drill holes demonstrating that there are consistent nickel grades in the top 10m of the laterite. We suspect that the intensity of near surface weathering is stronger in the south so the surface nickel grades as expected are lower than at the Raimundo Target. The mapped area of prospective ultramafic rocks corresponding with the nickel soil anomaly in the Southern Target is approximately 2km by 800m wide, which gives sufficient area for a significant deposit.

"Work at the Raimundo Target is also progressing extremely well, with three auger rigs at work and plans underway to commence an RC drilling programme in the second quarter to test the nickel mineralisation down to 50m depth. Following this we will be in a position to determine the resource potential of the target."

Southern Anomaly

An auger* drilling programme undertaken during December 2007 on the Southern anomaly was designed to test the surface Ni anomaly. The results for the first four holes drilled are summarised below. The majority of the holes ended in Ni mineralisation with a maximum drill depth of 12.5m. The results are extremely encouraging with consistent Ni values throughout the length of the holes. The higher degree of weathering and surface leaching

of Ni indicates that the target depth for economic mineralisation is greater than at the Raimundo Target 11km to the north. The Southern target area has a strike length with mapped ultramafic rocks of 2km by 800 wide.

Hole	From	To	Interval	Ni*	Co	Including
412	2m	EOH	+5.8m	0.25%	0.02%	
413	6m	EOH	+6.5m	0.86%	0.04%	4m @ +1%Ni
415	6m	EOH	+1m	0.36%	0.03%	
416	2m	EOH	+10.5m	0.35%	0.02%	10.5m @ 0.1%Cu

*Auger drilling is a small portable motorised drill rig with a maximum depth of approximately 20m.

Raimundo Target

The Raimundo Target in the centre of the project area is the focus of the 2,000m auger drilling programme. The drilling is designed to extend the depth of the mineralised zone discovered late in 2007, (results summarised in the table below) and test new mineralised zones to the north and south. Based on the shallow auger drilling carried out on 400m by 80m spaced grids and surface mapping, the known extent of the Ni bearing ultramafic rock unit is approximately 2km long by 500m wide with the vertical extent as yet unknown. Mineralisation at the Serra do Tapa Ni deposit operated by Xstrata located to the north of the Lontra project extends for up to 90m in depth.

Hole	From	To	Interval	Ni*	Co	Including
209	4m	EOH	+12m	0.83%	0.05%	2m @ +1%Ni
211	8m	EOH	+8m	0.86%	0.08%	2m @ +1%Ni
214	4m	EOH	+8m	0.90%	0.04%	2m @ +1%Ni
220	4m	6m	2m	0.59%	0.12%	
220	6m	EOH	+5m	1.00%	0.10%	5m @ +1%Ni
223	4m	EOH	+4m	0.59%	0.09%	
224	8m	EOH	+2m	0.60%	0.07%	
226	6m	EOH	+6m	0.55%	0.03%	
227	6m	EOH	+5m	0.76%	0.03%	
228	4m	EOH	+7m	0.87%	0.03%	
231	8m	EOH	+4m	0.82%	0.06%	
232	6m	EOH	+6m	1.00%	0.05%	6m @ +1%Ni
247	8m	EOH	+1.8m	0.51%	0.01%	
257	7m	EOH	+9m	0.54%	0.02%	
273	6m	8m	2m	0.54%	0.08%	
273	8m	EOH	+4m	1.00%	0.06%	4m @ +1%Ni

* Ni values with 1% upper limit due to analysis method. Results of automatic over limit re-runs awaited.

Background to the Project

The Lontra Project is situated in the Araguaia mobile belt, which flanks the eastern margin of the Carajas Mineral Province of northern Brazil. This is just 80km south of the major lateritic Ni project operated by Xstrata at Serra da Tapa (inferred resource of 60Mt at 1.63% Ni and 0.06%) and 7km northwest of the adjoining Vila Oito project, where Teck Cominco currently has a drilling programme underway. Recent results released for the Teck-Cominco drilling at Vila Oito indicate the top of high-grade mineralisation is often intersected at depths of in excess of 10m and in cases over 20m.

Horizonte initially identified a number of priority Ni targets at the Lontra Project following a regional stream sediment sampling programme in the last quarter of 2006. This was followed by regional soil sample programmes over the seven target areas, which identified the drill targets.

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 ACME 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 seven 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 Company 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.