



Altera Resources

ASX Release

27 February 2008

Latest Results Lead To Drilling Programme

- 1. Anomalous Zn and Pb values of up to 566 ppm and 1184ppm respectively have been received from the auger soil geochemical drilling program.**
- 2. Five soil geochemical targets, some coincident with “thumbprint” magnetic anomalies have been outlined for RC drill testing during March at the Gascoyne Base Metal Project.**
- 3. The results further highlight the prospectivity of the Gascoyne Base Metals Project for the discovery of Broken Hill, SEDEX style, base metal deposits.**

Altera Resources Limited has received results from its recently completed auger soil geochemical drilling program at its Gascoyne Base Metal Project located approximately 250 km to the east of Carnarvon in the Gascoyne region in Western Australia covering an area of approximately 370 km².

The Gascoyne Base Metal Project covers an area of mid-Proterozoic, metamorphosed sediments and volcanic rocks which have been subjected to several phases of tectonic deformation and intruded by granitoids. The systematic soil geochemical auger drilling program comprising 397 drill holes targeted two areas where previous reconnaissance geochemistry had returned anomalous Pb and Zn values (953ppm Pb and 487 ppm Zn in rock chip samples and 408 ppm Pb and 156ppm Zn in soil samples) coincident with “thumbprint” magnetic anomalies.

Soil geochemistry was effected by taking samples from 0.5 – 1.5m deep, vertical auger-drill holes (thus eliminating any surface contamination). The auger holes were on 50m X 200m and 50m X 400m spacing across two areas in the NW and SE part of the project. No hardpan was reported from the drilling. The progenitors of the regolith samples were identified in about 60% of the samples, with “mica schist” and “amphibolite ” being dominant. No granitoids were sampled.

Samples were analysed for Pb-Cu-Zn-As-Ba-Cr-Ni using ICP-MS and ICP-OES. Only Pb-Zn-Cu-Ba were considered to be relevant. Anomalous Zn and Pb values of up to 566 ppm and 1184ppm respectively have been received from the auger soil geochemical drilling program.



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A table of the more significant multi element results is set out below:

Sample No	Pb	Zn	Cu	Ba
GPMB16	184	466		
GPMB49	357	1550		
GPMB50	92	204		
GPMB64	1150	398		
GPMB65	95			
GPMB77	212	178	264	
GPMB154	341	284		
GPMB153				1140
GPMB324	90	386		
GPMB338	102	444		
GPMB354	117	380		
GPMB353				1080
GPMB355		432		
GPMB372		246		1610
GPMB373	87	184		1434
GPMB371	93			

The results highlight that at least five zones/targets of the geochemical program are considered worthy of follow-up RC drill testing. An RC drilling program of 2000m is scheduled to commence in March 2008 as soon as ground conditions permit the movement of drill rigs to test the five zones highlighted by the auger sampling results.

The Company considers that the results further highlight the prospectivity of the Gascoyne Base Metals Project for the discovery of Broken Hill, SEDEX style, base metal deposits.

Godfrey Rule Chairman

The information in this Report that relates to Exploration results is based on information compiled by Harjinder Kehal who is a member of the Australasian Institute of Mining and Metallurgy. Harjinder Kehal is a Consultant Geologist with over 20 years experience as a geologist.

Harjinder Kehal has sufficient experience which is relevant to the style of mineralization and type of deposit under consideration and to the activity for 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. Harjinder Kehal consents to the inclusion in the report of the matters based on his information in the form and context in which it is used.



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