



MAGHREB MINERALS PLC

Appointment of Consultant Geologists to accelerate exploration programme

Maghreb Minerals Plc (“Maghreb” or “the Company”), the AIM-quoted exploration company developing base metal and industrial mineral deposits in North Africa, is pleased to announce the appointment of **Dr Chris Clayton and Dr Alastair Baird as Consulting Geologists** to provide geological support to Maghreb’s expanding and accelerating exploration and development programmes in Tunisia.

Dr Clayton and Dr Baird bring a wealth of experience to Maghreb, having worked together extensively in Tunisia for over 20 years. They are co-founders of Mejerda Exploration, which supplies geological and geochemical expertise to the mineral industry on sediment-hosted mineral deposits. Both have specialist knowledge of sedimentary structures and geochemistry as these relate to the deposition of sedimentary-hosted lead-zinc mineralisation in the region. Field mapping and the evaluation of structural and stratigraphic settings for lead-zinc mineralisation led to the formulation of the thrust-related geological model which is being followed for the exploration of the Company’s exploration permits in Tunisia.

Maghreb’s exploration programme in Tunisia this year will include field mapping, geophysics, geochemistry and drilling to evaluate and extend known resources at three past producing mines and surrounding areas.

The Company’s prime focus is the evaluation and expansion of the known resources at the three past producing mines of Fej Lahdoum, Bou Jabeur and Zriba/Guebli (Zaghuan). These programmes are focused on advancing these projects towards pre-feasibility studies in the near term. Extensions to the known resources will be sought in the near mine area and in the Company’s adjacent, 100% held, exploration permits.

Further exploration programmes are planned at Lorbeus and Djebba Goraa.

Dr Chris Clayton BSc, PhD, ARSM, FGS served as a geoscientist with BP Research before forming an international business in 1992 based in the UK working predominantly in petroleum exploration worldwide. He is also a director of Petroflux Ltd, a consultancy and project management service for the petroleum industry and is a former senior honorary research fellow at Kingston University. His research, which relates to the geochemistry of Cretaceous rocks and flow mechanisms of petroleum and water in fine-grained sediments, has particular relevance to the understanding of MVT type lead-zinc deposit formation in Tunisia.

Dr Alastair Baird BSc, MSc, D.I.C., PhD, FGS, C.Geol (University of Kingston, UK) has consulted for both major and junior oil and mineral companies for over 20 years. His specialist expertise, which is of direct relevance to Maghreb's exploration programme, includes the structural evolution, petroleum and mineral potential of Tunisia, the evolution of Alpine/Mediterranean petroliferous basins and orogenic belts, the evolution, geometry, uplift and maturation history of inverted basin margins and post-rift sedimentation, differential compaction and fault reactivation across basin bounding faults. Applying this knowledge Professor Baird has modelled the evolution of basins and the related controls to mineralisation pertinent to the mineralised areas of Tunisia. He gained further knowledge through the successful supervision of postgraduate students researching the structural evolution of northern Tunisia and the timing of oil migration in the Atlas thrust front of central Tunisia.

Gordon Riddler, Executive Chairman commented:

"I am very pleased to welcome Chris Clayton and Alastair Baird to the Company and for them to have a hands-on role in the exploration programme. The additional specialist geological support that they bring will be invaluable as we significantly expand and accelerate the Company's exploration programme, following the successful conclusion of the two title agreements over the former mining concessions at Bou Jabeur and Fej Lahdoum."

The technical content of this press release has been reviewed by the Executive Chairman of Maghreb Minerals plc, Gordon Riddler, BSc, MBA, FIMMM, CEng, CSci who has 40 years of experience in the mining sector and is a Fellow of the Institute of Materials, Minerals and Mining, a recognised professional association.

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