

Maghreb Minerals PLC Progress Report

RNS Number:5209S

Maghreb Minerals PLC
11 October 2005

PROPOSED WORK PROGRAM AT TAN CHAFFAO AIMED AT VERIFYING AND EXTENDING ZONE OF GOLD AND COPPER MINERALISATION

Maghreb Minerals PLC ("the Company") is pleased to announce that a work program at its Tan Chaffao exploration license will commence immediately following the end of Ramadan, in early November. Over the next month, with the assistance of the Algerian O.R.G.M. (Office National de la Recherche Geologique et Miniere), the Company expects to establish a base for operations at Tan Chaffao. The exploration program this year is planned to include mapping, additional geophysical surveys and drilling. The drilling will be aimed at verifying the grades of mineralisation identified by previous work by the O.R.G.M.

The polymetallic (Zn, Pb, Cu, Au) orebody of Tan Chaffao is located about 250km northwest of Tamanrasset in the Hoggar region of Algeria. Discovered in 1971, it was explored during two field seasons (1972 and 1973) by Russian supervised ORGM teams. The work consisted of geological and geophysical studies and a 10-hole drill programme.

The 10 holes were drilled to depths of between 100m to 200m on several lenticular mineral-bearing zones over a strike length of 1450 m. The lenses vary in length from 50m to 300m with widths of between 0.6m with 16.5m. Of the 10 drill holes, 6 intersected significant mineralisation.

Assay results for O.R.G.M. sample*

	Thickness (m)	Grade Au gpt	Grade Cu%	Grade Zn %
Trench 101	10	2.2		
Trench 102	3.2	3.3		
Trench 106	10	1.0		
Drill Hole S 21	17	3.5	1.0	1.8
	21	2.0	-	-

Drill Hole S 28b	17	1.0	0.4	1.5
Drill Hole S 30	6.5		0.1	1.9
Drill Hole S 43b	4.4		0.42	
Drill Hole S 24	9	3.3	0.62	
Drill Hole S 23	5	8.6	1.2	
	5.8	3.6	0.55	

*Maghreb Minerals plc has not verified these results

Mineralisation at Tan Chaffao occurs as disseminated and massive sulphide within volcano-sedimentary formations of upper Proterozoic age. Structurally the mineralisation occurs within a large NS trending syncline, adjacent to the deep NS fault with which the gold deposits of Tirek and Amesmesssa and Pb-Zn mineralisation in the south of Algeria are associated.

Several other mineralised occurrences have been identified within the immediate surroundings of the known Tan Chaffao resource. Only limited exploration has been carried out of the remainder of the exploration licence.

The objective of the exploration programme at Tan Chaffao is to find economic sulphide mineralisation firstly in the already known mineralised area and secondly within the rest of the exploration licence area. After the compilation of existing data and a study of spectral and radar satellite images, the programme will involve detailed geophysical survey (IP and magnetics) associated to geochemical and geological ground survey over the known orebody in order to define drilling targets. A similar survey, using geophysical, geochemical and geological mapping but at a wider spacing, will be conducted over the remainder of the licence area to identify additional areas of potential mineralisation and test those other occurrences already known. Existing drilling targets, such as untested lateral extension of known intersections, will be tested as soon as possible.

Executive Chairman, Gordon Riddler said, "The Tan Chaffao property represents an exciting step forward for Maghreb Minerals. It presents an opportunity to leverage off earlier work by the O.R.G.M. which suggests the potential for a large tonnage orebody in the Tan Chaffao area. In addition it provides Maghreb Minerals with a base to acquire additional properties, some potentially representing near term production, in this large underdeveloped mineral rich province. Maghreb Minerals is looking forward to a close working relationship in Algeria with the O.R.G.M., similar to the strong working relationship it has established with the Tunisian ONM."

For further information please contact:

Maghreb Minerals Plc
Robyn Storer/Gordon Riddler
Tel: 44 (0) 20 7618 6411

Westhouse Securities LLP
Richard Morrison / Tim Metcalfe
Tel: 44 (0) 20 7601 6100

www.maghrebminerals.com

This information is provided by RNS
The company news service from the London Stock Exchange

www.westhousesecurities.com