



Conroy Gold and Natural Resources plc

VIABILITY OF CLONTIBRET GOLD MINE CONFIRMED

- **Key Step in Bringing in a Gold Mine at Clontibret, in Co. Monaghan, Ireland, Successfully Concluded**
- **Testwork Confirms the Amenability and Technical Viability of Using *BIOX*[®] Technique to Process the Clontibret Ore**
- **Maximum Gold Extractions Achieved on Lode and Stockwork Concentrate Samples After Biooxidation Were 90.4 per cent and 87.1 per cent respectively**

Conroy Gold and Natural Resources plc (AIM: CGNR, ESM: CGNR.I), the gold mining company which has discovered a thirty mile gold district in Ireland running across Counties Armagh, Monaghan and Cavan and is planning to develop its first operational gold mine at Clontibret in Co. Monaghan, is pleased to announce that the final results of the mineralogical and metallurgical testwork programme on the ore grade material sent to Goldfields/BIOMIN confirm the amenability and technical viability of using the *BIOX*[®] technique to process the ore at Clontibret.

The mineralogical and metallurgical testwork, which was supervised and managed by independent consultants Tetra Tech was carried out on 350kg of drill core representative of both lode and stockwork ore grade material with a 10 per cent dilution factor with a grade similar to that expected for run of mine.

The testwork results indicated fast oxidation kinetics, achieving over 90 per cent oxidation for both lode and stockwork concentrate samples. Maximum gold extractions achieved were 90.4 per cent and 87.1 per cent respectively with overall recoveries confirmed by Tetra Tech to be in line with their independent Scoping Study.

BIOX[®], which is a well established bacterial oxidation technique, was recommended by Tetra Tech as an appropriate technology for treating the gold sulphide concentrate at the proposed gold mine at Clontibret. *BIOX*[®] is an environmentally friendly proven technology with a number of plants in operation worldwide including South Africa, Ghana, Brazil, China and Australia. The *BIOX*[®] process gives improved rates of gold recovery at significantly lower capital and operating costs.

This release has been approved by Eur.Ing. Andrew J. Carter C.Eng, MIMMM, MSAIMM, SME, Competent Person for Mineral Processing, Tetra Tech and by Kevin McNulty PGeo, who is a member of the Company's technical staff, who holds a BSc/MSc in Geology and Remote Sensing, in accordance with the guidance note for Mining, Oil & Gas Companies issued by the London Stock Exchange in respect of AIM Companies, which outlines standards of disclosure for mineral projects.

Professor Richard Conroy, Chairman commented:

"I am delighted at these positive final Mineralogical and Metallurgical results which confirm the technical and financial viability of the proposed BIOX[®] technology for processing the ore. This is a key step in bringing the gold mine at Clontibret into operation".

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