



Greatland Gold plc (“Greatland” or the “Company”), the mineral exploration and development company focused on gold projects in Tasmania and Western Australia is pleased to provide an update on exploration activities, and a new gold project.

A large new gold project named Ernest Giles has been granted to the Company by the Western Australian government. The Company has also received formal grant for the Lackman Rock project.

Ernest Giles

The Ernest Giles gold project is a large, gold prospective area located in central Western Australia. Greatland is pleased to report that title to the mineral rights has been granted to the Company by the Western Australian government. The project comprises two contiguous tenements which cover an area of 686 sq kms. The project is located in a remote desert region 250km north east of Laverton in central Western Australia.

The project area covers two buried Archean greenstone belts, part of the Yilgarn Craton. The Archean basement is recognised to be part of the far eastern Yilgarn Craton. The eastern Yilgarn region contains the Wiluna, Leonora, Kalgoorlie, St Ives, and Norseman gold camps and the 'world-class' nickel sulphide deposits of Mt Keith, Leinster, and Kambalda. The eastern Yilgarn Craton is the most highly mineralised area in Western Australia, containing numerous gold deposits that individually have production in excess of 1 million ounces of gold according to studies by Geoscience Australia, the Australian national geological survey.

The Ernest Giles region hosts the recently discovered Tropicana gold discovery, operated by AngloGold Ashanti Australia Ltd, which lies about 200km to the south of the Ernest Giles Project. The Tropicana gold resource currently stands at over 5 million ounces and this discovery has been made beneath desert sands in the order of 20 to 40 metres thick.

At Ernest Giles, the locations of the Archean greenstone belts have been interpreted from aeromagnetic data collected by the Australian government and Western Mining Corporation (WMC). Aeromagnetic images of the area clearly show the presence of linear, strongly magnetic lithologies within the project tenements. The Archean greenstone sequence is covered by approximately 10m of recent desert sands along with in excess of 100m of Permian glacial tillite.

Due to its remote nature and cover sequences there has been only limited previous exploration. CRA Exploration and WMC Exploration explored parts of the project area between 1996 and 1999. Limited reverse circulation (RC) drill holes were completed by WMC Exploration which confirmed the presence of gold prospective Archean rocks at a depth of 170m.

The greenstone belts clearly defined by the existing geophysics are likely to contain gold mineralisation, based on the fact that most of the other well explored belts of



similar size in the Yilgarn region have been shown to contain various gold occurrences and deposits. The Yilgarn greenstones also contain both disseminated and massive nickel sulphide mineralisation. If the cover sequence at Ernest Giles were substantially less the tenements would have been subject to far more extensive precious metals exploration.

The Ernest Giles greenstone belt is one of only a few greenstone belts within the Yilgarn Craton of Western Australia that has not been explored in detail. However, the apparent project-wide cover has deterred companies from systematic exploration over the length of the belt, as it would be more expensive than similar exploration over belts with less cover.

Similar Archean stratigraphy is seen at Mt Magnet, 600km to the west. Gold deposits at Mt Magnet have yielded in excess of 5 million ounces of gold. The Ernest Giles project area clearly shows similarities of size, structure, and magnetic signatures of the Mt Magnet area. One objective of our planned exploration will be to better understand the geology at Ernest Giles which the Company believes is very similar to Mt Magnet.

At Ernest Giles specific gold targets have already been interpreted by the Company from existing geophysical and geochemical data. Such targets are to be tested with a relatively small number of RC pre-collared diamond holes within a predefined budget that the Company estimates at AUD\$400,000.

It is widely recognised in the exploration and mining industry that the next generation of large deposits will come from areas under cover that have not been subject to significant exploration in the past.

Field activities are scheduled to commence at Ernest Giles in the coming months with drilling of targets envisaged before the end of 2009. Like the remote Tropicana gold deposit, field operations will be managed from Perth in Western Australia, supplies will be sourced from Kalgoorlie and Perth, and the Ernest Giles project will be accessed by existing 4WD tracks.

Lackman Rock

Greatland is pleased to report that mineral title to the tenement has been granted by the Western Australian government.

The Lackman Rock project is located in the southern goldfields of Western Australia and covers an area of approximately 200 sq kms. The immediate region is host to large (over 1 million ounce) gold deposits at Bounty, Marvel Loch, Westonia and Southern Cross and is also host to nickel sulphide mines at Forrestania and Lake Johnston.

Within the Lackman Rock project area the gold and nickel prospective greenstone sequences covered by a thin veneer of approximately 10m of recent soil and sand. Greatland's tenement has had no previous exploration activity, and as such represents an opportunity to evaluate a portion of a greenstone belt within the Yilgarn of Western Australia not previously examined for either nickel or gold.



Initial field activities will include mapping and geochemical sampling. These activities are scheduled to commence in the later parts of 2009.

Firetower

Recent work by the Company outlined a strong gold anomaly over an area of 450m x 50m peaking at 916ppb gold. Testing of this area with a program of diamond drilling is planned. Planning is advanced and currently work programs are currently being assessed by various Tasmanian government departments. Subject to their approval, which the Company expects to be forthcoming shortly, drilling is scheduled to commence in August 2009.

Warrentinna

The Company are continuing to pursue the Derby North area with a RC drill programme. Drilling will test strike extensions to gold mineralisation previously discovered by Greatland. Planning for RC drilling is advanced and work programs have been submitted to the Tasmanian government departments for their approval. Subject to gaining the relevant approvals, drilling is scheduled to commence in early August. Results from the drilling will assist in determining whether an open pittable gold resource exists at Derby North.

East Lisle

The East Lisle tenement is located in the north east of Tasmania and is prospective for gold. Recent work by Greatland has defined several gold targets within the 229 sq km area. Field work on these targets will commence during the 3rd quarter of 2009.

Corporate

The Company is encouraged by the recent strength in the gold price which appears to have established a new trading range above US\$900 per ounce. In fact the precious metals group has been especially strong notwithstanding the recent strong performance in global equities. It is reasonably clear that recent monetary policies, aimed at boosting money supply, has reinforced the perception of gold as an inflationary hedge.

The Company maintains a strong capital position ahead of these new investment additions and the acceleration in exploration expenditure. The Company will continue to prudently manage its capital and limit the reliance on shareholders.

The Company continues to pursue strategic partnerships with local parties with a view to joint ventures and cost sharing deals on our properties. The Company will update shareholders when these efforts result in a clear third party undertaking. The Company remains positive that these initiatives will progress in the current financial year.



The Company remains active and will provide further information as it comes to hand. Our website at www.greatlandgold.com is regularly updated with in- depth information on the Company.

Callum Baxter, Managing Director, commented: “The addition of the Ernest Giles project to the Company’s portfolio provides further exposure to the currently buoyant gold market. We relish the challenge of unlocking the value potential of such a large gold project and are excited to be pursuing large deposits under cover where the next generation of ‘world class deposits’ will be found. Ernest Giles and Lackman Rock will see the commencement of work by Greatland in the Yilgarn of Western Australia. It is a very active time for the Company”

Competent Persons

The information in this announcement that relates to Exploration Results is based on information compiled by Mr Paul Askins and Mr Callum Baxter, directors of Greatland Gold plc, who are both members of the Australasian Institute of Mining and Metallurgy. Paul Askins and Callum Baxter have sufficient experience which is relevant to the style of mineralisation and type of deposit under consideration and to the activity that they are undertaking to qualify as Competent Persons as defined in the 2004 Edition of the 'Australasian Code for Reporting of Exploration Results, Mineral Resources and Ore Reserves'. Paul Askins and Callum Baxter consent to the inclusion in the announcement of the matters based on their information in the form and context in which it appears.

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