



22 April 2014

Positive Results from drilling at Warrentinna Gold Project

Greatland Gold plc, the mineral exploration and development company based in Australia, is pleased to announce further encouraging results from drilling activities at the Warrentinna gold project ("Warrentinna") in Tasmania.

Highlights

- All 3 holes intersected gold mineralisation above 1.9g/t gold, including
 - 10m at 2.28g/t gold from 90m in hole WTR032
 - 1m at 5.48g/t gold from 95m in hole WTR032
- Further potential of depth extensions

Callum Baxter, CEO, commented: "These results better define mineralisation and confirm further potential of depth extensions at Warrentinna, which is a key project for Greatland Gold. We remain committed to our plan to establish resources across our portfolio of assets, and these results are another step in the right direction"

Warrentinna Project (gold), Tasmania

A program of Reverse Circulation ("RC") drilling was completed at the Derby North prospect during December 2013. All RC holes were drilled to a maximum depth of 100m and angled at 60 degrees. Drilling comprised three holes for a total of 300m. Drill hole collar details are presented in Table 1. Initial 4m composite sampling of all drill holes were reported in January 2014. Single metre sampling has recently been completed and results are reported here.

Table 1 – RC Collars

Hole ID	Prospect	East	North	Dip (degrees)	Azimuth (degrees)	Depth (m)
WTR031	Derby North	561625	5447375	-60	090	100
WTR032	Derby North	561575	5447375	-60	090	100
WTR033	Derby North	561625	5447325	-60	360	100

Co-ordinates – ADG66 ZONE55

The maximum result from single metre sampling was 1m at 5.48g/t gold from 95m in hole WTR032 in a broader intercept of 10m at 2.28g/t gold from 90m. Also in WTR032 was 5m at 2.00g/t gold from 33m including 2m at 3.17g/t gold from 35m. WTR032 bottomed in mineralisation which is presumed to extend at depth. WTR031 returned 4m at 1.37g/t gold from 37m downhole, and WTR033 returned best of 1m at



2.01g/t gold from 85m. All three RC holes intersected gold mineralisation above 1.9g/t gold. Results are presented in Appendix I.

Gold mineralisation is coincident with quartz vein structures and disseminated sulphides. Drilling to date covers a strike length of 150m and has established a 100m wide, north-south trending, zone of gold mineralisation within which quartz reefs with higher gold grades occur.

Further review of drill results will be carried out in the coming weeks and provision for additional drilling will be incorporated into the work programme for Q3 2014.

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Notes to Editors

Greatland Gold is a mineral exploration and development company based in Australia. The principal activity of Greatland Gold plc is to explore for and develop natural resources, with a focus on gold. The Company currently has six mineral projects located in Australia, including the Ernest Giles, Firetower, Warrentinna, Lisle, Bromus and Lackman Rock projects. The pipeline of projects targets highly prospective areas for multi-million ounce orebodies. The Company was established in London in 2005 and admitted to AIM in July 2006.

The board seeks to increase shareholder value by the systematic evaluation of its existing resource assets, as well as the acquisition of suitable exploration and development projects and producing assets.

Greatland has a UK and Australian based board of directors with a head office in London and an exploration office in Australia.

Competent Persons

Information in this announcement that relates to exploration results is based on information compiled by Mr Callum Baxter, a director of Greatland Gold plc, who is a



member of the Australasian Institute of Mining and Metallurgy and Australian Institute of Geoscientists. Mr Baxter has sufficient experience relevant to the style of mineralisation and type of deposit under consideration and to the activity which has been undertaken to qualify as a Competent Person as defined by the 2012 Edition of the Australasian Code for Reporting of Exploration Results, Mineral Resources and Ore Reserves (the JORC Code). Mr Baxter consents to the inclusion in the announcement of the matters based on their information in the form and context in which it appears.



Appendix I – RC Drill Results (>0.5g/t gold)

Hole ID	From (m)	To (m)	Interval (m)	Gold (g/t)
WTR031	19	20	1	1.33
WTR031	37	41	4	1.37
incl	37	39	2	1.88
WTR031	63	64	1	1.92
WTR031	65	66	1	1.00
WTR031	92	93	1	0.97
WTR032	33	38	5	2.00
incl	35	37	2	3.17
WTR032	90	100	10	2.28
incl	95	96	1	5.48
and	95	97	2	4.40
WTR033	48	49	1	0.82
WTR033	82	83	1	0.88
WTR033	85	86	1	2.01
WTR033	89	90	1	0.59

JORC Code, 2012 Edition – Table 1 report

Section 1 Sampling Techniques and Data

(Criteria in this section apply to all succeeding sections.)

Criteria	JORC Code explanation	Commentary
Sampling techniques	<ul style="list-style-type: none"> • <i>Nature and quality of sampling (eg cut channels, random chips, or specific specialised industry standard measurement tools appropriate to the minerals under investigation, such as down hole gamma sondes, or handheld XRF instruments, etc). These examples should not be taken as limiting the broad meaning of sampling.</i> • <i>Include reference to measures taken to ensure sample representivity and the appropriate calibration of any measurement tools or systems used.</i> • <i>Aspects of the determination of mineralisation that are Material to the Public Report.</i> • <i>In cases where ‘industry standard’ work has been done this would be relatively simple (eg ‘reverse circulation drilling was used to obtain 1 m samples from which 3 kg was pulverised to produce a 30 g charge for fire assay’). In other cases more explanation may be required, such as where there is coarse gold that has inherent sampling problems. Unusual commodities or mineralisation types (eg submarine nodules) may warrant disclosure of detailed information.</i> 	<ul style="list-style-type: none"> • Reverse circulation drilling was used to obtain 1m samples. Samples were pulverized to produce 50g charge for fire assay.
Drilling techniques	<ul style="list-style-type: none"> • <i>Drill type (eg core, reverse circulation, open-hole hammer, rotary air blast, auger, Bangka, sonic, etc) and details (eg core diameter, triple or standard tube, depth of diamond tails, face-sampling bit or other type, whether core is oriented and if so, by what method, etc).</i> 	<ul style="list-style-type: none"> • Reverse circulation, face sampling hammer
Drill sample recovery	<ul style="list-style-type: none"> • <i>Method of recording and assessing core and chip sample recoveries and results assessed.</i> • <i>Measures taken to maximise sample recovery and ensure representative nature of the samples.</i> • <i>Whether a relationship exists between sample recovery and grade and whether sample bias may have occurred due to preferential loss/gain of fine/coarse material.</i> 	<ul style="list-style-type: none"> • Drill spoil volume monitored
Logging	<ul style="list-style-type: none"> • <i>Whether core and chip samples have been geologically and geotechnically logged to a level of detail to support appropriate Mineral Resource estimation, mining studies and</i> 	<ul style="list-style-type: none"> • All RC chips geologically logged at 1m intervals

Criteria	JORC Code explanation	Commentary
	<p><i>metallurgical studies.</i></p> <ul style="list-style-type: none"> • <i>Whether logging is qualitative or quantitative in nature. Core (or costean, channel, etc) photography.</i> • <i>The total length and percentage of the relevant intersections logged.</i> 	
<i>Sub-sampling techniques and sample preparation</i>	<ul style="list-style-type: none"> • <i>If core, whether cut or sawn and whether quarter, half or all core taken.</i> • <i>If non-core, whether riffled, tube sampled, rotary split, etc and whether sampled wet or dry.</i> • <i>For all sample types, the nature, quality and appropriateness of the sample preparation technique.</i> • <i>Quality control procedures adopted for all sub-sampling stages to maximise representivity of samples.</i> • <i>Measures taken to ensure that the sampling is representative of the in situ material collected, including for instance results for field duplicate/second-half sampling.</i> • <i>Whether sample sizes are appropriate to the grain size of the material being sampled.</i> 	<ul style="list-style-type: none"> • Riffle split and tube sampled to 4kg • Technique appropriate for sampling of RC chips • Duplicates and blanks reported • Single metre samples used to validate 4m composite results • Sample size appropriate for grain size being sampled
<i>Quality of assay data and laboratory tests</i>	<ul style="list-style-type: none"> • <i>The nature, quality and appropriateness of the assaying and laboratory procedures used and whether the technique is considered partial or total.</i> • <i>For geophysical tools, spectrometers, handheld XRF instruments, etc, the parameters used in determining the analysis including instrument make and model, reading times, calibrations factors applied and their derivation, etc.</i> • <i>Nature of quality control procedures adopted (eg standards, blanks, duplicates, external laboratory checks) and whether acceptable levels of accuracy (ie lack of bias) and precision have been established.</i> 	<ul style="list-style-type: none"> • Industry standard mix and grind pulverization to produce a 50g charge for fire assay • Internal laboratory blanks and duplicates
<i>Verification of sampling and assaying</i>	<ul style="list-style-type: none"> • <i>The verification of significant intersections by either independent or alternative company personnel.</i> • <i>The use of twinned holes.</i> • <i>Documentation of primary data, data entry procedures, data verification, data storage (physical and electronic) protocols.</i> • <i>Discuss any adjustment to assay data.</i> 	<ul style="list-style-type: none"> • Verification of intersections by independent personnel • Primary data documentation and data entry verified by personnel external to the Company • Assay data reported as per laboratory final reports
<i>Location of data points</i>	<ul style="list-style-type: none"> • <i>Accuracy and quality of surveys used to locate drill holes (collar and down-hole surveys), trenches, mine workings and other locations used in Mineral Resource estimation.</i> • <i>Specification of the grid system used.</i> • <i>Quality and adequacy of topographic</i> 	<ul style="list-style-type: none"> • Survey data by handheld GPS – 10m accuracy • Grid system – AGD66 Zone55

Criteria	JORC Code explanation	Commentary
	<i>control.</i>	
<i>Data spacing and distribution</i>	<ul style="list-style-type: none"> • <i>Data spacing for reporting of Exploration Results.</i> • <i>Whether the data spacing and distribution is sufficient to establish the degree of geological and grade continuity appropriate for the Mineral Resource and Ore Reserve estimation procedure(s) and classifications applied.</i> • <i>Whether sample compositing has been applied.</i> 	<ul style="list-style-type: none"> • Downhole 1m samples • Distribution not yet sufficient to establish grade continuity for Mineral Resource procedures.
<i>Orientation of data in relation to geological structure</i>	<ul style="list-style-type: none"> • <i>Whether the orientation of sampling achieves unbiased sampling of possible structures and the extent to which this is known, considering the deposit type.</i> • <i>If the relationship between the drilling orientation and the orientation of key mineralised structures is considered to have introduced a sampling bias, this should be assessed and reported if material.</i> 	<ul style="list-style-type: none"> • Orientation of key mineralised structures not yet confirmed.
<i>Sample security</i>	<ul style="list-style-type: none"> • <i>The measures taken to ensure sample security.</i> 	<ul style="list-style-type: none"> • Samples bagged and stored at private facility.
<i>Audits or reviews</i>	<ul style="list-style-type: none"> • <i>The results of any audits or reviews of sampling techniques and data.</i> 	<ul style="list-style-type: none"> • Independent review found industry standard practices are applied.

Section 2 Reporting of Exploration Results

(Criteria listed in the preceding section also apply to this section.)

Criteria	JORC Code explanation	Commentary
<i>Mineral tenement and land tenure status</i>	<ul style="list-style-type: none"> • <i>Type, reference name/number, location and ownership including agreements or material issues with third parties such as joint ventures, partnerships, overriding royalties, native title interests, historical sites, wilderness or national park and environmental settings.</i> • <i>The security of the tenure held at the time of reporting along with any known impediments to obtaining a licence to operate in the area.</i> 	<ul style="list-style-type: none"> • EL30/2004 Warrentinna, NE Tasmania, Australia • Greatland Pty Ltd 100%
<i>Exploration done by other parties</i>	<ul style="list-style-type: none"> • <i>Acknowledgment and appraisal of exploration by other parties.</i> 	<ul style="list-style-type: none"> • Previous exploration activities described in AIM Admission Document July 2006
<i>Geology</i>	<ul style="list-style-type: none"> • <i>Deposit type, geological setting and style of mineralisation.</i> 	<ul style="list-style-type: none"> • Orogenic gold deposit, turbidite hosted, structurally controlled, Cambrian-Devonian
<i>Drill hole Information</i>	<ul style="list-style-type: none"> • <i>A summary of all information material to the understanding of the exploration results including a tabulation of the following information for all Material drill holes:</i> <ul style="list-style-type: none"> ○ <i>easting and northing of the drill hole collar</i> ○ <i>elevation or RL (Reduced Level –</i> 	<ul style="list-style-type: none"> • See announcement for drill hole information

Criteria	JORC Code explanation	Commentary
	<p>elevation above sea level in metres) of the drill hole collar</p> <ul style="list-style-type: none"> ○ dip and azimuth of the hole ○ down hole length and interception depth ○ hole length. <ul style="list-style-type: none"> ● If the exclusion of this information is justified on the basis that the information is not Material and this exclusion does not detract from the understanding of the report, the Competent Person should clearly explain why this is the case. 	
Data aggregation methods	<ul style="list-style-type: none"> ● In reporting Exploration Results, weighting averaging techniques, maximum and/or minimum grade truncations (eg cutting of high grades) and cut-off grades are usually Material and should be stated. ● Where aggregate intercepts incorporate short lengths of high grade results and longer lengths of low grade results, the procedure used for such aggregation should be stated and some typical examples of such aggregations should be shown in detail. ● The assumptions used for any reporting of metal equivalent values should be clearly stated. 	<ul style="list-style-type: none"> ● All grades uncut ● All aggregations shown in announcement ● No metal equivalents used or stated
Relationship between mineralisation widths and intercept lengths	<ul style="list-style-type: none"> ● These relationships are particularly important in the reporting of Exploration Results. ● If the geometry of the mineralisation with respect to the drill hole angle is known, its nature should be reported. ● If it is not known and only the down hole lengths are reported, there should be a clear statement to this effect (eg 'down hole length, true width not known'). 	<ul style="list-style-type: none"> ● Where the Company has made reference to drill intersections in the announcement, it has interpreted these are at, or near, true widths
Diagrams	<ul style="list-style-type: none"> ● Appropriate maps and sections (with scales) and tabulations of intercepts should be included for any significant discovery being reported These should include, but not be limited to a plan view of drill hole collar locations and appropriate sectional views. 	<ul style="list-style-type: none"> ● Tabulation of results included in announcement.
Balanced reporting	<ul style="list-style-type: none"> ● Where comprehensive reporting of all Exploration Results is not practicable, representative reporting of both low and high grades and/or widths should be practiced to avoid misleading reporting of Exploration Results. 	<ul style="list-style-type: none"> ● All results comprehensively announced
Other substantive exploration data	<ul style="list-style-type: none"> ● Other exploration data, if meaningful and material, should be reported including (but not limited to): geological observations; geophysical survey results; geochemical survey results; bulk samples – size and 	<ul style="list-style-type: none"> ● Gold mineralisation associated with quartz veining and disseminated sulphides

Criteria	JORC Code explanation	Commentary
<i>Further work</i>	<p><i>method of treatment; metallurgical test results; bulk density, groundwater, geotechnical and rock characteristics; potential deleterious or contaminating substances.</i></p> <ul style="list-style-type: none"> • <i>The nature and scale of planned further work (eg tests for lateral extensions or depth extensions or large-scale step-out drilling).</i> • <i>Diagrams clearly highlighting the areas of possible extensions, including the main geological interpretations and future drilling areas, provided this information is not commercially sensitive.</i> 	<ul style="list-style-type: none"> • Further work will include detailed interpretation of results and further RC drilling likely.