



BLACKTHORN
RESOURCES

13 April 2010

BURKINA FASO GOLD EXPLORATION – PROGRESS REPORT

KEY POINTS:

- Diamond-core (“DDH”) drilling has commenced on the Burkina Faso gold tenements.
- First assay results received from one DDH drillhole on the GUIDO Prospect which now consolidates the TZ21 - IK - Q22 anomalies. IKDH-001 intersected the following drilled thickness intervals:
 - 14m at 2.06 g/t Au between 88m and 102m, including
 - 1m at 17.90 g/t Au between 88m and 89m.
- Two drilling rigs (1x DDH and 1x Reverse Circulation “RC”) are currently testing 5 target areas (POA, SEMAPOUN, TZ21 - IK - Q22) as follow-up to encouraging results identified last year. The SEMAPOUN and TZ21 - IK - Q22 prospects trend over a strike length of 8 kilometres.
- The GUIDO Prospect represents a continuous zone approximately 5 km in strike length where drill testing is being focused.
- RC and DDH components of the program are planning to drill an additional 10,000 metres. The Company is investigating the availability of an additional DDH rig to support this drilling campaign.
- Rotary Air Blast (“RAB”) component of the current drilling program has completed 340 holes totalling 5,727 metres.
- Positive gold (“Au”) assay results were received from RAB drilling conducted on the POA Prospect including:
 - Drillhole: POA RB-096
 - 18m at 1.10 g/t Au between 12m and 30m EOH, including
 - 10m at 1.85 g/t Au between 16m and 26m.
 - Drillhole: POA RB-064
 - 12m at 1.23 g/t Au between 0m and 12m EOH, including
 - 6m at 2.01 g/t Au between 2m and 8m.
- The current exploration program plans to collect sufficient data from mineralised intersections in order to initiate a JORC code compliant Mineral Resource study by the end of year. The MSA Group have been engaged to review the current results and program, and provide guidance for resource evaluation.
- Blackthorn Resources has received data from a regional gravity survey funded by Newmont Ventures Limited under a data sharing arrangement entered into in late 2009. Review of the dataset is progressing.

Blackthorn Resources Limited (ASX: BTR) (“the Company” or “Blackthorn Resources”) is pleased to provide a progress report for the exploration program currently being conducted on the Company’s 100% owned gold tenements in Burkina Faso.

The 2010 exploration program comprises RAB, RC and DDH drilling methods designed to further test and follow-up on encouraging results identified in the area through previous exploration work.

Consolidation of Prospect Areas – TZ21-IK-Q22

The Company previously identified 5 high priority target areas, namely the POA, SEMAPOUN, TZ21, IK and Q22 prospects, where it has been investigating the occurrence of gold mineralisation within shear hosted quartz veins. Artisanal mining in these areas also supports the presence of recoverable gold and these small-scale operations are being monitored by the Company.

Exploration by the Company to date has considered these priority prospects independently. However recent investigations suggest that the adjacent TZ21, IK and Q22 prospects are structurally related as geophysical and geochemical anomalies extend across the prospect boundaries. The Company has consolidated the TZ21, IK and Q22 anomalies into a single prospect referred to herein as the GUIDO Prospect which represents a continuous zone with a 5 km strike length (see FIGURE 1).

The POA and SEMAPOUN prospects will also systematically be explored under the current drilling campaign as individual prospects. The SEMAPOUN and GUIDO prospects collectively trend for 8 km along strike.

2010 Drilling Program

Blackthorn Resources commenced the 2010 exploration season by engaging 2 drilling rigs to conduct a drilling program of approximately 15,000 metres. The drilling campaign includes RAB, RC and DDH stages to adequately collect sufficient data to initiate a mineral resource study by the end of 2010.

The Company is currently targeting 3 priority prospects, the POA, SEMAPOUN and GUIDO prospects, and plans to conduct a broad screen of each target area by initially drilling shallow vertical RAB holes to test for gold mineralisation beneath hard laterite capping.

It is also planned to follow-up positive RAB drill sites by drilling to depth using RC drilling methods. However in circumstances where considerable ground water is encountered, the targets will be further tested by DDH drilling methods to ensure representative samples are collected. On some drill targets where the water table is elevated, the Company has elected to drill RC pre-collars to be finalised with DDH drilled tails.

Rotary Air Blast Drilling

The RAB component of the exploration program was finalised in March after completing 340 holes for a total of 5,727 meters. Gold mineralisation was intersected in a number of holes from the POA, SEMAPOUN and GUIDO prospects.

Samples of RAB drill cuttings were collected in 2m composites and despatched to ALS Laboratory in Ouagadougou for analysis. A cut-off grade of 0.25 g/t Au was applied when evaluating the mineralised intersections and a weighted average cut-off grade greater than 0.45 g/t Au was applied to intersections for reporting purposes.

A total of 22 individual RAB holes intersected gold mineralisation above the reporting cut-off with variable drilled thickness intersections. Details of these intersections are presented in Annexure 1. True width intersections are not quoted as additional interpretation is required to correlate data from adjacent holes.

The Company is currently ground proofing the sites of RAB drilling in order to determine optimal sites for locating follow-up RC and/or DDH holes.

Reverse Circulation and Diamond-core Drilling

The Company is planning to conduct approximately 10,000m of drilling by RC and DDH drilling methods. Two drilling rigs are currently onsite and progressing with the program which plans to drill approximately 20 RC and 47 DDH drillholes with final depths up to 200 metres.

To date the Company has completed 16 RC and 11 DDH drillholes totalling approximately 3,700 meters. It is expected that this drilling will continue for several weeks including drilling, logging, sampling and analysis of results.

The RC component of the drilling program commenced drilling the GUIDO prospect. However significant ground water has impeded the collection of representative samples and the RC rig is currently drilling the SEMAPOUN prospect. It is planned to further drill the GUIDO prospect using DDH drilling methods and/or RC pre-collars with DDH drilled tails.

DDH drilling commenced on the POA Prospect and parts of the GUIDO Prospect. There remains approximately 6,500m of DDH drilling to be completed and the Company is investigating the availability of an additional DDH drilling rig to supplement the drilling campaign.

Diamond-core Drilling Results

Results have been received from one DDH hole drilled on the GUIDO Prospect (previously IK Anomaly) which included a significant gold mineralisation intersection from drillhole IKDH-001.

Drillhole IKDH-001 was core drilled at an angle of 60 degrees towards the northwest and terminated at a drilled depth of 199.5 metres.

A cut-off grade of 0.15 g/t Au was applied when evaluating the mineralised intersections in DDH samples and a weighted average cut-off grade greater than 0.45 g/t Au was applied to intersections for reporting purposes. True width intersections are not quoted as additional interpretation is required to correlate data from adjacent holes.

GUIDO PROSPECT

(previously IK Anomaly)

IKDH-001

- 14m at 2.06 g/t Au between 88m and 102m, including
 - 1m at 17.90 g/t Au between 88m and 89m.
- 1m at 0.74 g/t Au between 131m and 132m.

It is expected that results for the other completed drillholes should be received by the Company throughout April/May 2010 and results will be reported to market as received.

Mineral Resource Study

Blackthorn Resources is aiming to conduct exploration over the POA, SEMAPOUN and GUIDO prospects in order to collect sufficient data to initiate a JORC code compliant mineral resource study by the end of 2010.

The Company has engaged the MSA Group to review progress of the current drilling campaign and results. The MSA Group will provide guidance aimed to maximise the potential of data collected to be suitable for initiating a mineral resource estimate for reporting in accordance with the 2004 JORC code.

Data Sharing Agreement with Newmont Ventures Limited

Newmont Ventures Limited, a subsidiary of Newmont Mining Corporation (NYSE: NEM) ("Newmont") holds a number of exploration tenements in Burkina Faso, some of which are adjacent to tenements held by Blackthorn Resources.

The Company entered into a data sharing agreement with Newmont in late 2009 where Newmont agreed to fund a regional gravity survey over Blackthorn Resource's Northern Tenements (SEBOUN-POA-GUIDO-SEPAOGO) and share the data collected. The regional dataset has been provided to Blackthorn Resources and a review of this dataset is underway.

The high resolution images were useful in delineating various lithologies and phases of granitoid intrusions together with major structures including the sheared margins of the Boromo Greenstone belt.

Managing Director Scott Lowe said:

“Blackthorn Resources started this year’s gold exploration program as soon as it was dry enough to mobilise equipment. We have two drilling rigs currently working and are looking at securing an additional diamond-core drilling rig to further supplement the current program.

The Company continues to be very positive about its prospective gold exploration tenements in Burkina Faso, where initial results from diamond-core drilling have exceeded expectations.

We are aggressively pursuing exploration with the medium term goal of defining a JORC code compliant mineral resource. Of course achieving this goal depends on the results of drilling. However we see potential and are greatly encouraged by the work completed to date.”

Notes:

1. Analysis of samples was performed by ALS Chemex, an ISO/17025 accredited laboratory using conventional fire assay procedures with AAS finish on 30g aliquots for gold. A Quality Assurance/Quality Control (QA/QC) program includes chain of custody protocol, a systematic submittal of 10% QA/QC samples including field duplicates, field blanks and certified reference samples into the flow of samples submitted to the laboratory as well as re-assaying of the mineralised zones.
2. Samples were obtained by splitting RAB drill chips to obtain approximately 2kg samples. Analysis involved the assaying of 2m composite samples. The RAB drilling results reported above only indicate the presence or absence of gold mineralisation. It does not constitute mineralised intervals as stated in the JORC Code.
3. For review of gold mineralisation from RAB drilling, a 0.25 g/t Au cut-off was applied to mineralised intervals and weighted averages above 0.45 g/t Au were calculated for reporting purposes.
4. For review of gold mineralisation from DDH drilling, a 0.15 g/t Au cut-off was applied to mineralised intervals and weighted averages above 0.45 g/t Au were calculated for reporting purposes.

ATTRIBUTION

The information in this report that relates to Exploration Results is based on information that has been reviewed and approved for release by Mr Adama Barry, who is a Member of The Australasian Institute of Mining and Metallurgy. Mr Barry is a full-time employee of Nantou Mining Limited BV, a subsidiary of Blackthorn Resources in Burkina Faso and has sufficient experience which is relevant to the style of mineralisation and type of deposit under consideration and to the activity which he is undertaking to qualify as a Competent Person as defined in the 2004 Edition of the ‘Australasian Code for Reporting of Exploration Results, Mineral Resources and Ore Reserves’. Mr Barry consents to the inclusion in the report of the matters based on his information in the form and context in which it appears.

Should you require further information please contact:

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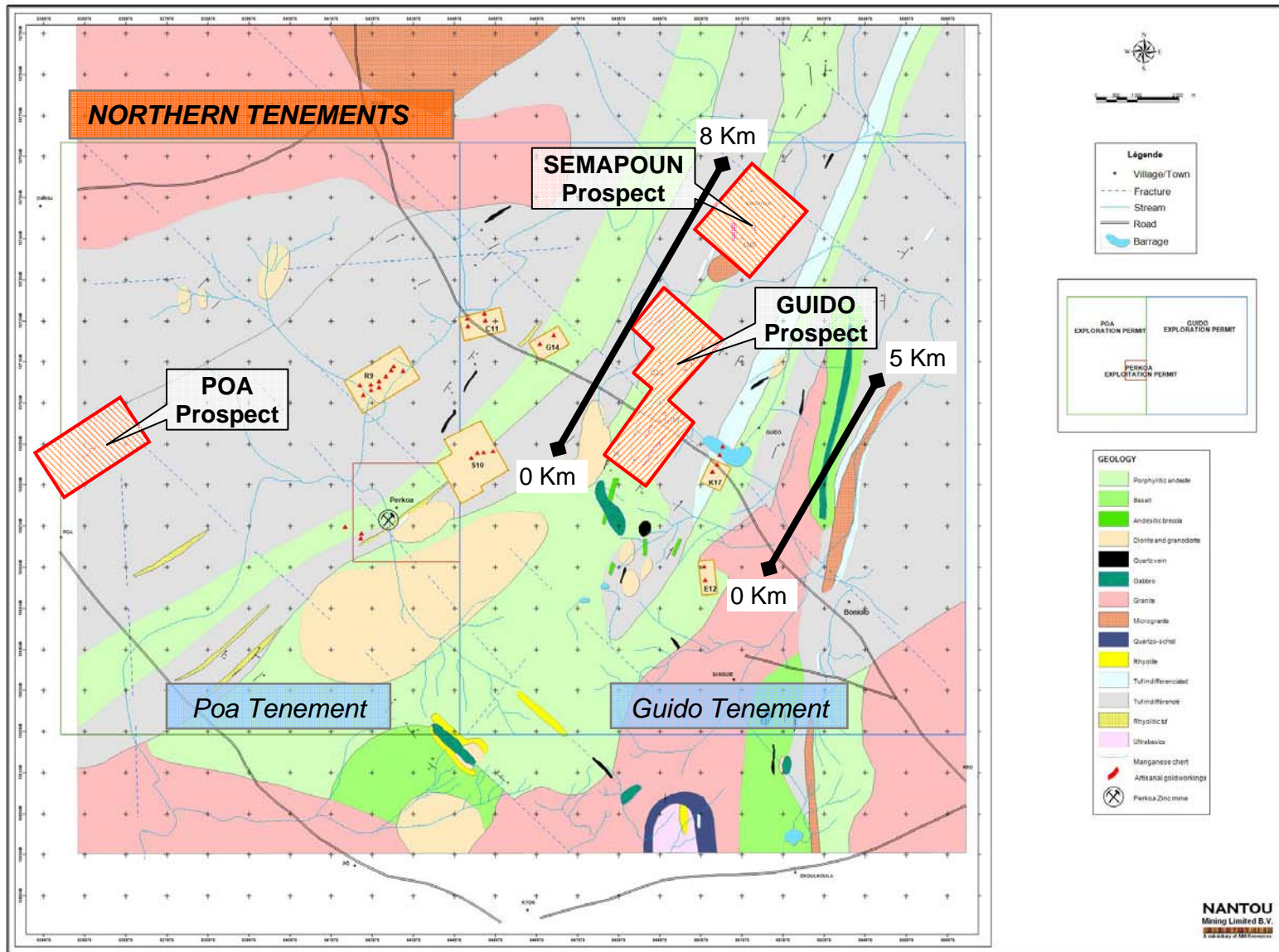


FIGURE 1 – Target areas from the POA and GUIDO exploration tenements selected for further exploration including RAB, RC and DDH drilling.

ANNEXURE 1 – Summary of RAB drilling results

Samples of RAB drill cuttings were collected in 2m composites and despatched to ALS Laboratory in Ouagadougou for analysis. A cut-off grade of 0.25 g/t Au was applied when evaluating the mineralised intersections and a weighted average cut-off grade greater than 0.45 g/t Au was applied to intersections for reporting purposes. True width intersections are not quoted as additional interpretation is required to correlate data from adjacent holes.

POA PROSPECT

POARB-096

- 18m at 1.10 g/t Au between 12m and 30m End of Hole ("EOH"), including
 - 10m at 1.85 g/t Au between 16m and 26m.

POARB-064

- 12m at 1.23 g/t Au between 0m and 12m EOH, including
 - 6m at 2.01 g/t Au between 2m and 8m.

POARB-074

- 4m at 1.27 g/t Au between 6m and 10m, including
 - 2m at 2.37 g/t Au between 6m and 8m.

POARB-103

- 2m at 0.64 g/t Au between 12m and 14m

GUIDO PROSPECT

(previously TZ21 Anomaly)

TZ21RB-077

- 4m at 0.46 g/t Au between 2m and 6m

TZ21RB-087

- 2m at 0.80 g/t Au between 8m and 10m

TZ21RB-098

- 2m at 0.62 g/t Au between 2m and 4m

GUIDO PROSPECT

(previously Q22 Anomaly)

Q22RB-057

- 2m at 1.20 g/t Au between 0m and 2m

GUIDO PROSPECT

(previously IK Anomaly)

IKRB-104

- 4m at 1.43 g/t Au between 6m and 10m

IKRB-117

- 2m at 0.49 g/t Au between 6m and 8m

SEMAPOUN PROSPECT

SPNRB-072

- 2m at 0.90 g/t Au between 4m and 6m

SPNRB-097

- 2m at 1.54 g/t Au between 0m and 2m

SPNRB-090

- 2m at 1.43 g/t Au between 8m and 10m

SPNRB-046

- 1m at 1.00 g/t Au between 14m and 15m EOH

SPNRB-045

- 1m at 0.76 g/t Au between 14m and 15m EOH

SPNRB-053

- 2m at 0.98 g/t Au between 8m and 10m

SPNRB-073

- 2m at 0.72 g/t Au between 2m and 4m

SPNRB-064

- 2m at 0.63 g/t Au between 0m and 2m

SPNRB-075

- 2m at 0.59 g/t Au between 2m and 4m

SPNRB-052

- 2m at 0.57 g/t Au between 6m and 8m

SPNRB-047

- 2m at 0.55 g/t Au between 2m and 4m

SPNRB-076

- 2m at 0.47 g/t Au between 10m and 12m

Ends