

30 August 2010

BURKINA FASO GOLD – FURTHER EXPLORATION ASSAY RESULTS RECEIVED

KEY POINTS:

- Assay results have been received from a further 8 holes drilled on the GUIDO Prospect which confirm the continuity of mineralisation across holes drilled along the same drill line.
- Recent drilling has confirmed that gold mineralisation is associated with quartz veining and hosted within a series of steeply dipping, parallel zones within sheared meta-sediments and tuffaceous rock units.
- Mineralised zones were identified in 7 holes and evaluated using 0.0 g/t Au cut-off which include the following significant drilled thickness intervals:
 - GDDH 035**
 - 4m at 0.30 g/t Au from 113m to 117 metres,
 - 8m at 1.32 g/t Au from 128m to 136 metres.
 - GDDH 036**
 - 9m at 0.33 g/t Au from 91m to 100 metres,
 - 5.3m at 3.63 g/t Au from 116.2m to 121.5 metres.
 - GDDH 037**
 - 12m at 0.55 g/t Au from 99m to 111 metres.
 - GDDH 038**
 - 17m at 0.41 g/t Au from 103m to 120 metres.
 - GDDH 040**
 - 7m at 0.33 g/t Au from 52m to 59 metres.
 - GDDH 041**
 - 5m at 0.32 g/t Au from 87m to 92 metres.
 - GDDH 042**
 - 10m at 0.58 g/t Au from 52m to 62 metres.
- Blackthorn Resources has engaged the MSA Group to conduct a JORC code compliant mineral resource study over the GUIDO Prospect, which is planned to commence upon receipt of remaining assay results.

PRESS RELEASE



Blackthorn Resources Limited (ASX: BTR) (“the Company” or “Blackthorn Resources”) is pleased to provide the following summary of drilling activities and results from the Company’s 100% owned tenements in Burkina Faso. Blackthorn Resources is conducting diamond-core (DDH) drilling over the POA and GUIDO prospects as follow-up to previous exploration work which identified gold mineralisation hosted within multiple, parallel shear zones along a northeast trending regional-scale structure.

The DDH drilling program has now been completed totalling 57 holes for 8,017m from the POA and GUIDO prospects identified through previous exploration activity as shown in Figure 1. Recent holes drilled on the GUIDO Prospect confirm the continuity of mineralisation across holes drilled along the same drill line.

The receipt of positive gold assay results throughout the drilling program has confirmed that gold is present within the system and is structurally associated with a regional-scale shear zone, which can be traced for over 8.5 km across the GUIDO prospect. Numerous artisanal mining sites provide further evidence supporting the exploration model for a large, bulk tonnage gold mining operation as these are scattered along shear zones throughout the prospecting areas.

Assay results have been received and reported from 47 DDH holes, with remaining holes pending analysis including 3 holes from the GUIDO Prospect and 8 holes from the POA Prospect. Samples have been submitted to the ALS Laboratory in Ouagadougou for preparation and analysis and results are expected during August/September 2010.

Assay Results - GUIDO Prospect

Assay results from a further 8 DDH holes drilled to follow-up geophysical targets generated from IP survey. All DDH holes were drilled at an angle of 60 degrees towards the northwest and details of 8 completed holes are listed in Table 1.

TABLE 1– Summary of DDH drilling parameters for 8 DDH drill holes

Drill hole ID	Easting (mE) WGS 84	Northing (mN) WGS 84	Dip (degrees)	Azimuth (degrees)	End of Hole Depth (m)
GDDH 035	550,382	1,371,409	-60	315	210.5
GDDH 036	549,717	1,369,758	-60	310	174.0
GDDH 037	549,806	1,369,940	-60	310	150.0
GDDH 038	549,857	1,370,027	-60	310	157.0
GDDH 039	549,455	1,369,216	-60	310	151.0
GDDH 040	549,377	1,369,140	-60	310	121.0
GDDH 041	549,323	1,369,053	-60	310	110.0
GDDH 042	549,933	1,370,219	-60	310	152.5
TOTAL					1,226.0

Note: All drill hole collar co-ordinates have been accurately surveyed by local contractor.

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Gold assays from DDH holes are reviewed initially using a 0.0 g/t Au cut-off to broadly identify mineralised zones. Mineralised zones within individual drill holes are further assessed using a 0.15 g/t Au cut-off grade to evaluate the mineralised intersections for reporting purposes. Only mineralised intersections with weighted average cut-off grade greater than 0.45 g/t Au are reported in Table 2. True-width intersections are not quoted as additional interpretation is required to correlate data from adjacent holes.

TABLE 2 – Summary of recent DDH drilling results (above 0.45 g/t Au cut-off)

Drillhole ID	Depth From (m)	Depth To (m)	Drilled Interval (m)	Gold Assay (g/t)
GDDH 035	131	136	5	2.03
	188	189	1	0.47
GDDH 036	92	94	2	1.08
	116.2	120.5	4.3	4.44
GDDH 037	102	107	5	1.16
GDDH 038	79	80	1	0.62
	84	85	1	1.06
	103	104	1	0.89
	110	120	10	0.53
GDDH 039	-	-	-	-
GDDH 040	52	53	1	0.50
	58	59	1	0.56
GDDH 041	87	89	2	0.52
GDDH 042	53	60	7	0.71
	61	62	1	0.61
	101	103	2	0.47

Mineral Resource Study

Blackthorn Resources has engaged the MSA Group to undertake a JORC code compliant mineral resource study from data collected.

The data-set is being compiled to commence the mineral resource estimate upon receipt of remaining assays. It is proposed to focus the study on the GUIDO prospect. However, the near-by and adjacent prospects of POA and SEMAPOUN may also contribute to the overall estimated mineral resource.

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 has 20 years experience in mineral exploration and is a full-time employee of Nantou Mining Limited BV, a subsidiary of Blackthorn Resources in Burkina Faso. Mr Barry has sufficient experience in relation to the style of mineralisation and type of deposit under consideration to qualify as a Competent Person as defined by the 2004 Edition of the 'Australasian Code for Reporting of Exploration Results, Mineral Resources and Ore Reserves'. Mr Barry consents to the inclusion in this 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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Notes:

1. Analysis of samples was performed by ALS Chemex, an ISO/17025 accredited laboratory using conventional fire assay procedures with AAS finish on 50g 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 nominal sized HQ/NQ diamond-core in half to obtain approximately 2kg samples. Half core was submitted to the laboratory for analysis with the remaining half stored in core trays at the Perkoa site in Burkina Faso.
3. 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.

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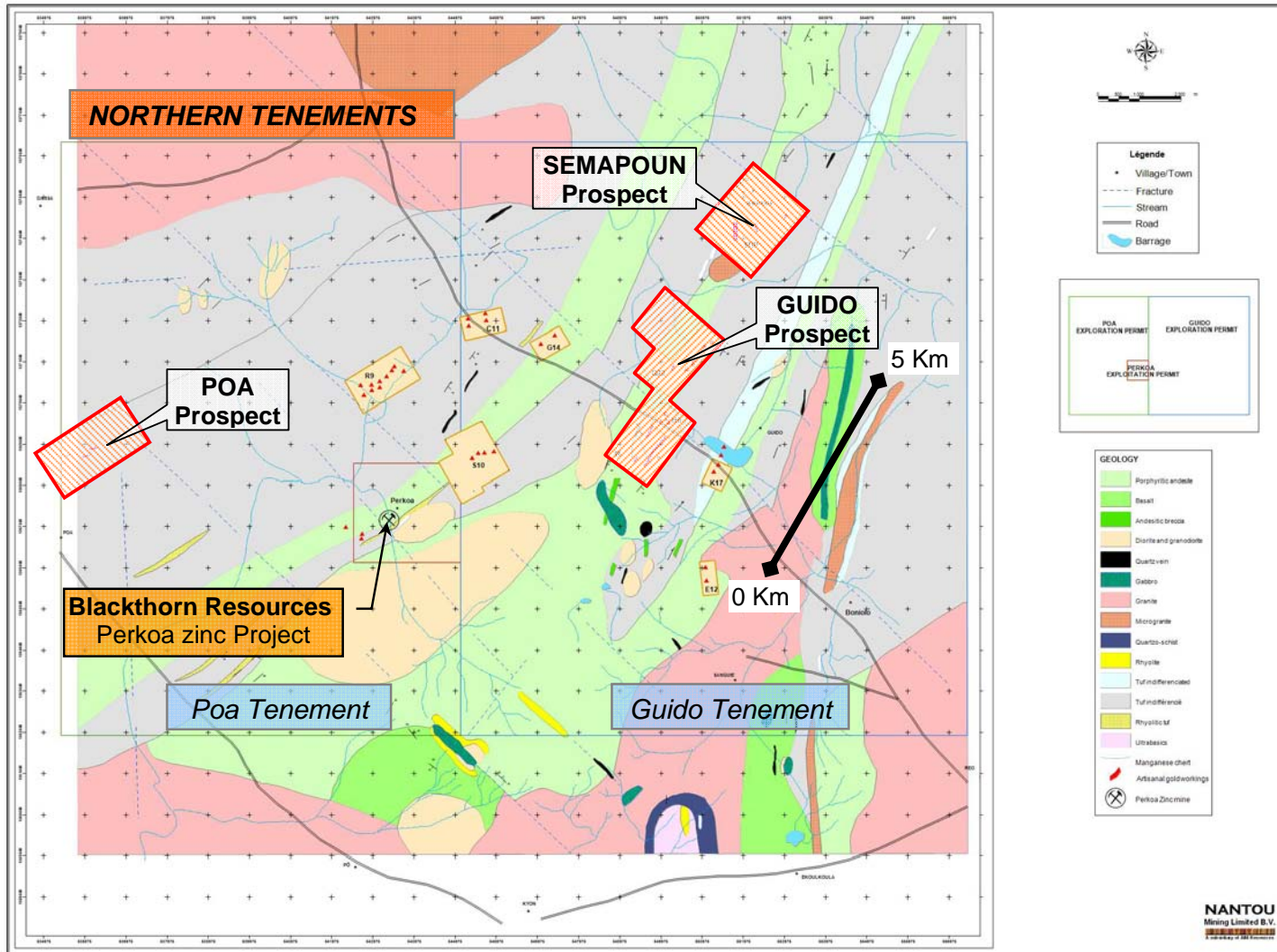


FIGURE 1 – Gold prospect location plan showing 5km strike length of GUIDO Prospect where DDH drilling has been focussed.



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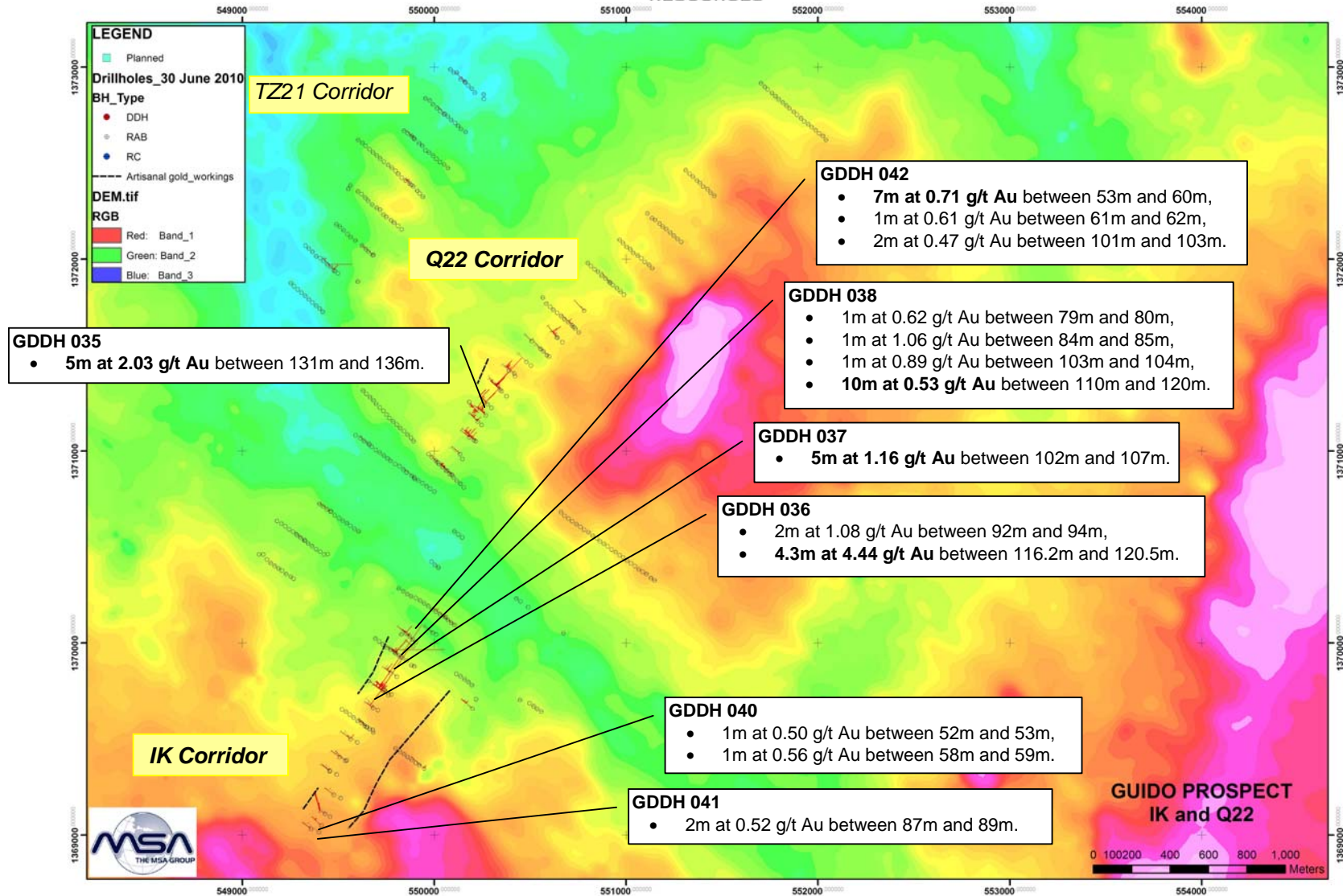


FIGURE 2 – Recent assay results from 7 drill holes showing mineralised intersections greater than 0.45 g/t Au cut-off.