



1 June 2010

BLACKTHORN RESOURCES RECEIVES ADDITIONAL GOLD ASSAY RESULTS FROM DRILLING PROGRAM IN BURKINA FASO

KEY POINTS

- **Diamond-core (DDH) drilling results have been received from 4 additional holes completed on the GUIDO prospect.**
- **Best drilled thickness intersections above 0.45g/t Au cut-off:**
 - IKDH005**
 - **6m at 2.28g/t Au between 64m and 70m**
 - IKDH004**
 - **2m at 0.53g/t Au between 23m and 25m**
 - **1m at 0.49g/t Au between 88m and 89m**
- **The DDH drilling program is continuing having completed 37 holes totalling 5,163m from 47 planned drill targets.**
- **Blackthorn Resources is encouraged by these results and is progressing completion of the drilling program prior to the annual wet season in order to initiate a JORC code compliant mineral resource study by the end of 2010.**



Blackthorn Resources Limited (ASX: BTR) (“the Company” or “Blackthorn Resources”) is pleased to provide additional drilling results from 4 diamond-core (DDH) holes completed as part of the current drilling program in Burkina Faso, West Africa.

The drilling program has previously completed exploratory drilling using Rotary Air Blast (“RAB”) and Reverse Circulation (“RC”) methods which have identified gold mineralisation on the POA, GUIDO and SEMAPOUN Prospects as illustrated in Figure 1. To date Blackthorn Resources has completed 37 DDH holes from the POA and GUIDO prospects totalling 5,163 metres.

The Company is currently focusing its DDH drilling on the GUIDO Prospect which extends for 5km along strike and contains several parallel mineralised corridors exhibiting typical shear zone hosted, gold in quartz veins characteristics.

Diamond-core Drilling Program

The Company has now received assay results from 10 holes drilled on the GUIDO Prospect and is encouraged by the levels and extent of gold mineralisation being revealed. A 0.45g/t Au reporting cut-off has been used when evaluating mineralised intervals which has returned significant results in 8 of 10 holes reported.

Based on the location and spacing of completed drill holes it is interpreted that mineralisation is continuous over 2 discrete corridors which both extend for >1km along strike as illustrated in Figures 2 and 3. Further step-out and infill drilling is required to delineate the extent of gold mineralisation which is currently considered to be open in all directions.

Blackthorn Resources has designed the current drilling program to collect sufficient data before the start of the annual wet season to initiate a JORC code compliant mineral resource study. The Company anticipates it can access drill sites and continue drilling until the end of June 2010 however this is dependent on weather conditions and may extend beyond this date.

Assay Results

Blackthorn Resources has received additional assay results from 4 DDH holes completed on the GUIDO Prospect. The drillholes (IKDH004, IKDH005, IKDH006 and GDDH007) are situated on drill lines spaced 100m apart and located towards the southern end of the drill pattern as shown in Figure 2.

These DDH holes were drilled at an angle of 60 degrees towards the northwest and terminated at depths shown in TABLE 1. Blackthorn Resources applies a 0.15g/t Au cut-off when assessing mineralised intervals which reports weighted average gold grades greater than 0.45g/t Au cut-off. True-width intersections are not quoted as further interpretation of structure and geology is required to correlate data from adjacent holes.

TABLE 1 – Drilling parameters of 4 finalised DDH holes

Drillhole ID	Easting (mE) WGS 84	Northing (mN) WGS 84	Dip (degrees)	Dip (degrees)	End of Hole Depth (m)
IKDH 004	549,354	1,369,153	-60	310	110.5
IKDH 005	549,428	1,369,235	-60	310	110.5
IKDH 006	549,471	1,369,333	-60	310	110.5
GDDH 007	549,451	1,369,459	-60	310	91.0

Gold mineralisation was identified in 2 DDH holes which have revealed the following drilled thickness intervals:

IKDH005

- 6m at 2.28 g/t Au between 64m and 70m

IKDH004

- 2m at 0.53 g/t Au between 23m and 25m
- 1m at 0.49 g/t Au between 88m and 89m.

Managing Director Scott Lowe said:

“Receipt of these gold results further supplements the exploration model for gold in Burkina Faso. The Company is greatly encouraged by mineralised intersections of this nature and is working towards the start of a mineral resource study in the latter half of the year to evaluate the potential of these targeted prospects.”

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.

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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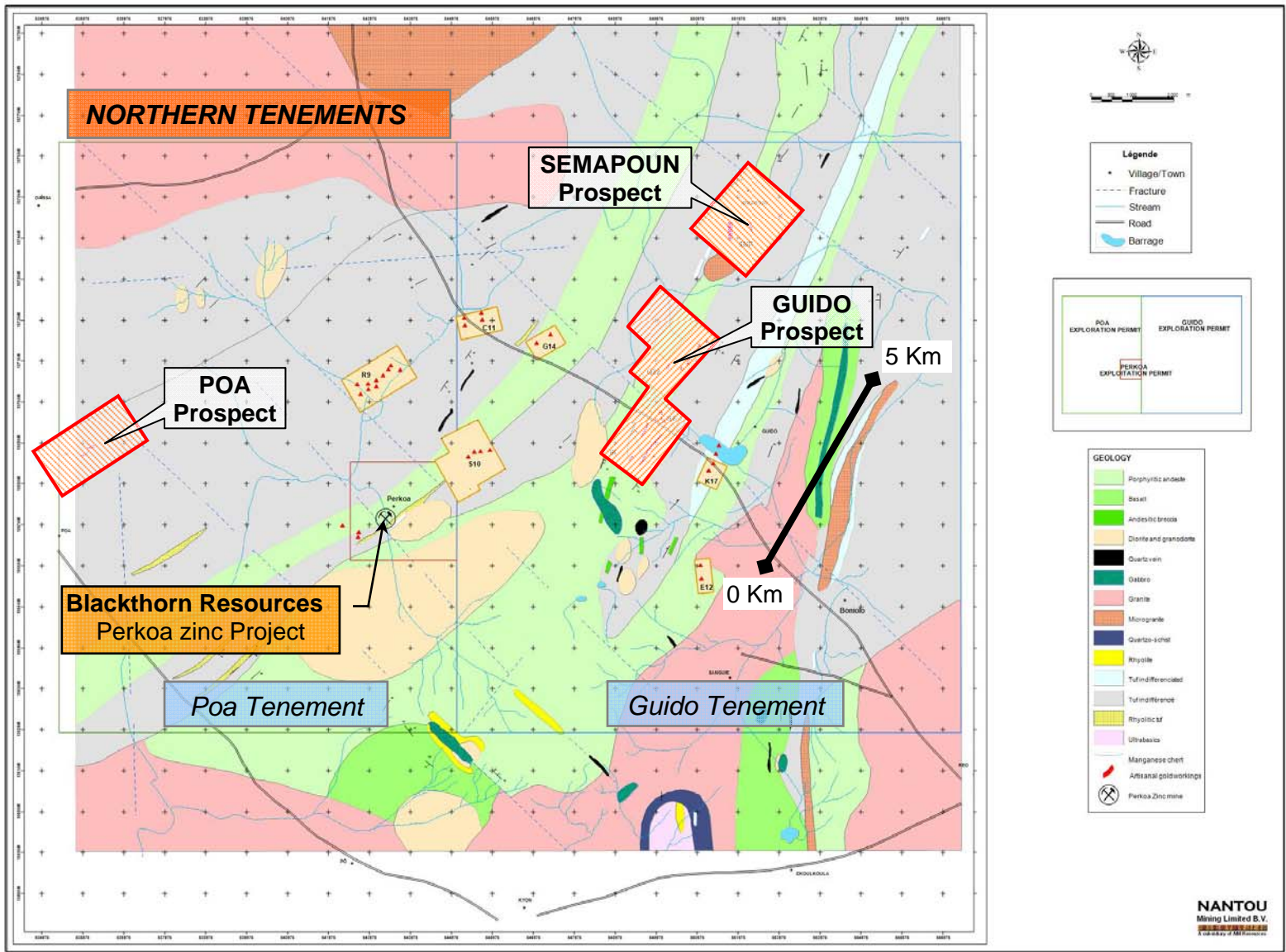


FIGURE 1 - Target areas selected for DDH drilling including the GUIDO Prospect which extends for ~5km along strike.



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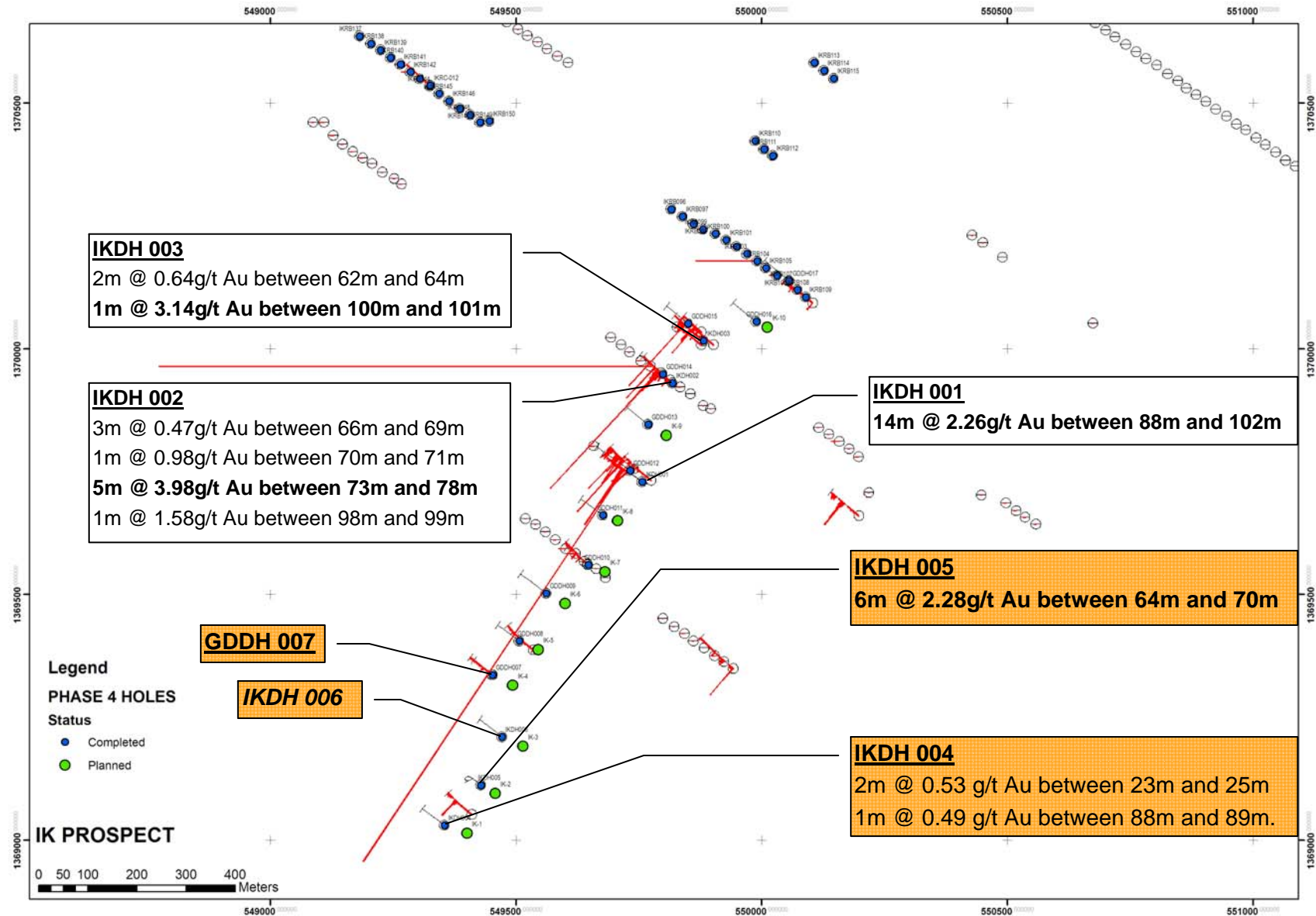


FIGURE 2 - Drill hole location plan from the GUIDO Prospect showing recent assay results from 2010 DDH drilling program.

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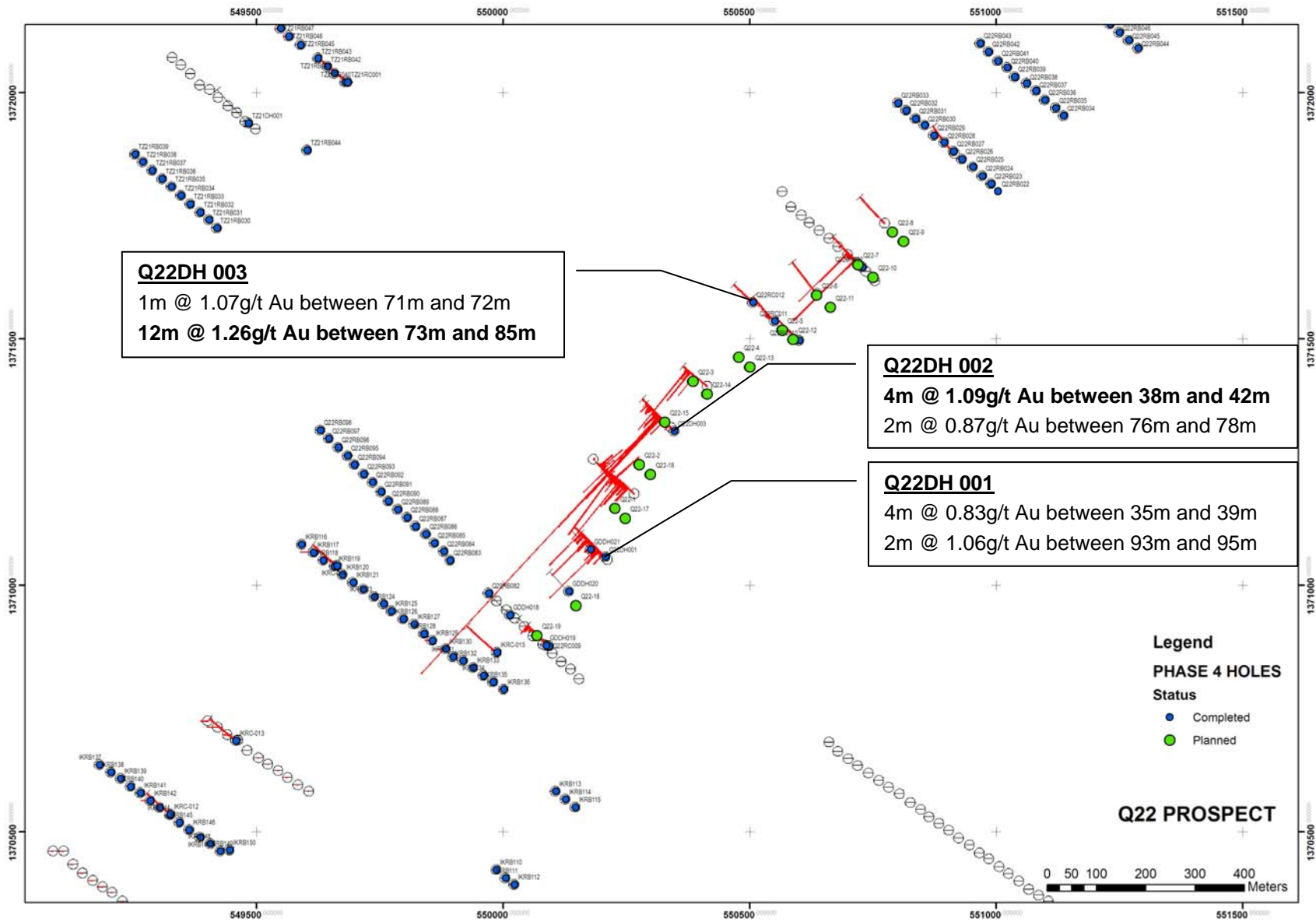


FIGURE 3 - Drill hole location plan from the GUIDO Prospect showing previous assay results from 2010 DDH drilling program.
Ends

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