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29<sup>th</sup> April 2025 - ASX Announcement

# Quarterly Activities Report for the Period Ended 31 March 2025

**DeSoto Resources Limited (ASX:DES) (“DES” or the “Company”)** is pleased to present its Quarterly Activities Report for the period ending 31 March 2025.

During the reporting period, the Company acquired a portfolio of high-grade gold projects in Guinea's Siguiri Basin with drilling preparations continuing at the Spectrum and Fenton Projects, located in the Northern Territory.

## Highlights

### Acquisition in Guinea (Au)

- Secured +1,200 km<sup>2</sup> of highly prospective gold licences, marking Desoto's strategic return to West Africa and materially expanding the Company's portfolio.
- Multiple walk-up drill targets defined by historic high-grade intercepts and extensive artisanal workings.
- Baseline environmental study and first-pass field reconnaissance completed, confirming Birimian-hosted gold mineralisation across the tenure.
- Phase-one programs of dump sampling and soil geochemistry programs are underway at Dadjan, Tole and Timbakouna, with results pending
- Maiden power auger drilling to commence immediately.

### Northern Territory (REE-Au-Cu)

- All environmental, heritage and land-access approvals secured for the maiden drilling campaign at the flagship NT projects.
- Re-sampling of historic drill pulps reveals significant rare-earth enrichment, extending the mineralised REE-Au corridor to >6 km of strike.
- Drill rigs, consumables and support contractors locked in; mobilisation to site expected early May 2025, ahead of a planned 5,000 m RC/diamond program.

### Corporate

- Completion of a \$4.78M placement (before costs) which included participation from the Board and Management. DeSoto is well funded with existing and committed placement funds of ~\$8.0m at 31 March 2025.



## Acquisition in Guinea (Au)

During the quarter DeSoto entered into a binding agreement to acquire 100% of the issued capital of Angex Australia Pty Ltd (Angex), a private company which holds projects and interests in a project portfolio in Guinea's Siguiri Basin (Figure.1) and Gauoul Gold Belt.

The projects were identified and developed by former Predictive Discovery (ASX:PDI) principal geologist Mr Aime Nganare. The projects all cover areas of current and historic artisanal mining and have seen very little modern-day exploration.

Post reporting period, the Company has continued to make preparations for its maiden power auger drilling program, with sampling and regolith mapping programs continuing.

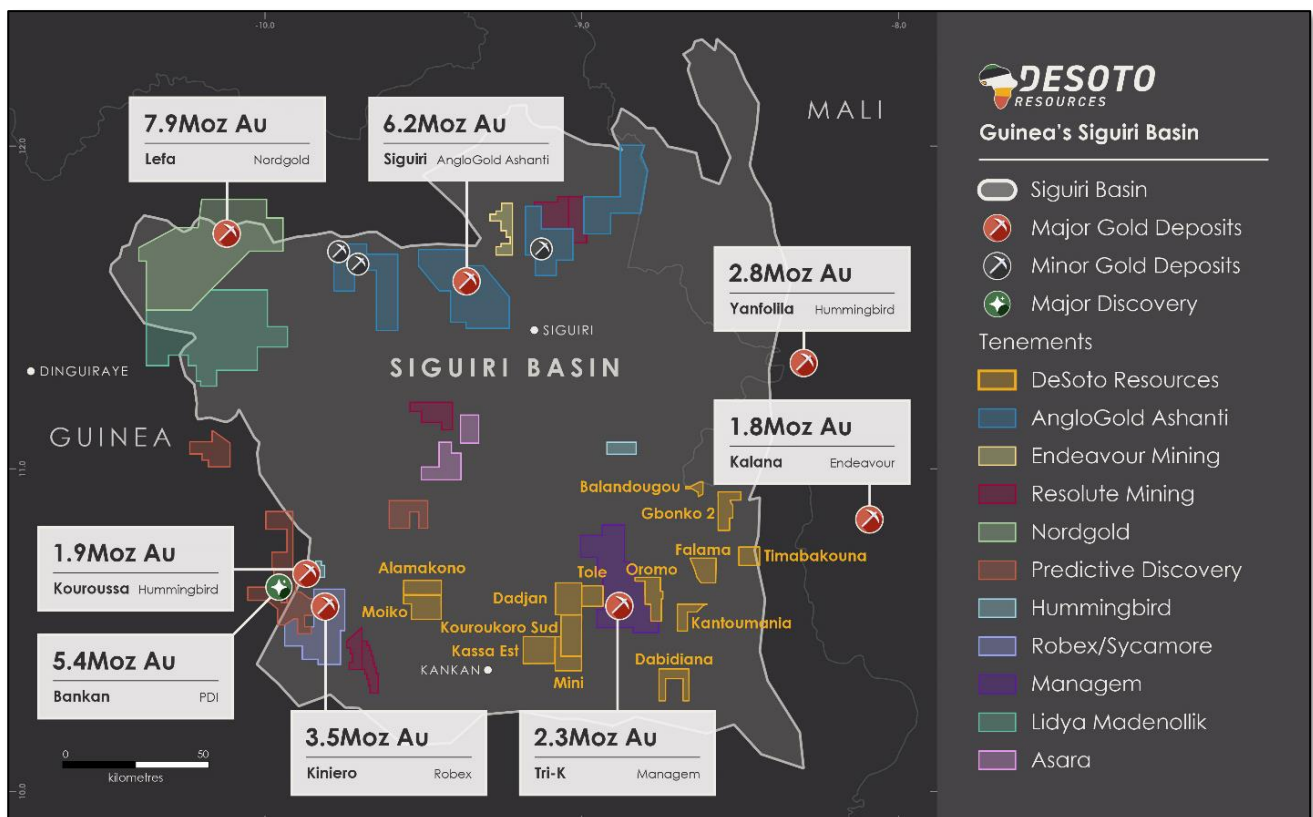


Figure 1–DeSoto's portfolio of Applications, Reconnaissance and Exploration Authorisations, located in the Siguiri Basin, Guinea.

## Northern Territory Exploration

DeSoto acquired the Spectrum project in May 2024 and soon recognised the Quantum prospect, one of Australia's highest-grade rare-earth discoveries, on the regionally significant Fenton Shear Zone (FSZ).

During the March 2025 quarter, the Company re-assayed pulps from its 2023 gold-focused drilling at Fenton, located more than 6 km south of Quantum, to test the broader potential of the FSZ. The best result from limited re-assaying of pulps included: 7m @ 0.49% TREO



(17.1% NdPr:TREO) from 479m, including 1m @ 1.30% TREO (16.9% NdPr:TREO) and 0.37% P<sub>2</sub>O<sub>5</sub> (FMD0004).

Taken together, the Quantum discovery and these new high-grade intersections confirm continuous rare-earth and gold mineralisation along at least 6 km of the FSZ, underscoring its potential to host a significant REE–Au–Cu deposit.

DeSoto will commence a 23-hole drilling program at Spectrum and Fenton South in the coming weeks. The first phase will target Fenton South and a large magnetic target, with drilling to continue at Spectrum, targeting the high-priority Vesper and Quantum prospects, as well as several untested EM conductors that coincide with an 8 km copper-in-soil anomaly and historic high-grade REE hits, offering multiple walk-up targets for immediate follow-up.

## Corporate

### Placement

On 20 February 2025, the Company announced that it had secured binding commitments to raise A\$4.5 million (before costs) through a placement priced at A\$0.065 per share.

The placement is subject to shareholder approval to be sought at a General Meeting and subject to shareholder approval for the acquisition of Angex.

In addition to the Placement, Desoto Directors and Management intend on applying for an aggregate of approximately A\$287,000 (before costs) of new shares on the same terms as in the placement.

Proceeds from the placement will primarily be used to fund acquisition costs and rapidly accelerate exploration activities at the newly acquired Timbakouna, Dadjan, Tole and Kantoumanina Gold Projects in Guinea's prolific Siguiri Basin. Other uses include the drilling program at the Spectrum Project, as well as general working capital purposes.

The placement and the acquisition of are inter-conditional.

Euroz Hartleys Limited acted as Sole Lead Manager and Bookrunner to the placement.

### Financial Position

- As per ASX Listing Rule 5.3.1, a summary of the Company's exploration activities for the quarter is contained herein, with exploration expenditure incurred during the period of circa \$307k.

Project	Cash Expenditure \$'000
Pine Creek Gold and Copper Projects	123
Exploration activities associated with new Projects	184
<b>Total</b>	<b>307</b>



- As per ASX Listing Rule 5.3.2, there were no substantive mining production and development activities undertaken during the quarter.
- DeSoto is well funded with cash of ~\$8.0M at 31 March 2025 (including committed funds from the placement).
- DeSoto continues to assess various project opportunities on an ongoing basis.
- As per ASX Listing Rule 5.3.5 and as disclosed in Sections 6.1 and 6.2 of the Appendix 5B, the company paid \$174k to related parties, being \$102k for Directors' salaries, \$33k for non-executive directors' fees, \$24k for consulting fees and \$15k for other corporate support costs.
- Tenement Schedule per ASX listing Rule 5.3.3:

**Mining tenements held during the quarter and their location:**

TENEMENT No.	LOCATION	INTEREST %	HOLDER
<b>Pine Creek Projects</b>	NT	100%	Mangusta Minerals Pty Ltd
EL32884			
EL32886			
EL33188			
EL33189			
EL33225			
EL31356			
EL32148			
EL31899			
EL33615			

- Mining tenements acquired during the quarter and their location: During the quarter, the Company entered into a share sale agreement with Angex and the shareholders of Angex, whereby the shareholders of Angex will sell, and the Company will acquire, all of the fully paid ordinary shares in the capital of Angex.

Angex is the legal holder of all of the issued share capital of an entity registered in the Republic of Guinea, ANGEX Services, that is either the sole legal and beneficial owner or has contractual rights to become the sole legal and beneficial owner, of certain tenements (listed below), some of which are currently tenement applications.



Siguiri Basin					
Tenement ID	Name	Area (sq.km)	Type	Status	Holder
24094	Timbakouna	44.987	Reconnaissance	Granted	ANGEX Services Wassolon
22627	Tuole	50.919	Exploration	Renewal	Mining Group Wassolon
23760	Falama	61.301	Exploration	Application	Mining Group Societe ID Gold
23396	Dabidiana	66.456	Reconnaissance	Granted	Mining Wassolon
23759	Oromo	77.123	Exploration	Application	Mining Group MS African
23456	Balandougou	13.464	Reconnaissance	Granted	Partners MS African
23400	Gbonko 2	66.686	Exploration	Application	Partners Societe Guinea
23547	Kantoumanina	43.799	Exploration	Application	Peak Mining Societe ID Gold
22621	Kouroukoro Sud	98.566	Exploration	Granted	Mining Societe Sofac
22611	Mini	55.826	Exploration	Granted	SA Societe Sofac
23395	Kassa Est	99.646	Reconnaissance	Granted	SA Societe ID Gold
22302	Dadjan	99.892	Exploration	Renewal	Mining
23978	Moiko	91.86	Reconnaissance	Application	Angex Services
23979	Alamakono	63.131	Reconnaissance	Application	Angex Services

Gauoul Gold Province					
Tenement ID	Name	Area (sq.km)	Type	Status	Holder
23823	Sabere	99.956	Reconnaissance	Granted	Angex Services
23732	Natatigare	99.936	Reconnaissance	Granted	Angex Services
23733	Kakony	98.61	Reconnaissance	Granted	Angex Services

- Mining tenements disposed during the quarter and their location: Nil.
- The beneficial percentage interests held in farm-in or farm-out agreements at the end of the quarter:

At the end of the quarter, the Company holds an exclusive right to acquire up to an undivided 70% legal and beneficial interest in mining tenement EL31475 (owned by Copperoz Pty Ltd), located in the Northern Territory.

- The beneficial percentage interests in farm-in or farm-out agreements acquired or disposed of during the quarter: Nil.



## 2025 March Quarter - ASX Announcements

This Quarterly Activities Report contains information extracted from ASX market announcements reported in accordance with the 2012 edition of the "Australasian Code for Reporting of Exploration Results, Mineral Resources and Ore Reserves" ("2012 JORC Code"). A full table of Announcements can be found below:

Date	Announcement
28-Jan-25	Drilling Uncovers High-Grade REE's 6km South of Quantum
20-Feb-25	Acquisition of High-Grade Gold Projects in Guinea's Siguiri
21-Feb-25	Siguiri Acquisition Presentation
10-Mar-25	Exploration Underway in the Siguiri Basin
12-Mar-25	Spectrum Exploration Update

**-END-**

This release is authorised by the Board of Directors of DeSoto Resources Limited.

For further information visit our website at [Desotoresources.com](http://Desotoresources.com) or contact:

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## COMPETENT PERSONS STATEMENT

The information in this report that relates to exploration results is based on and fairly represents information and supporting documentation prepared by Mr Nick Payne.

Mr Payne is an employee of the company, is a member of the Australian Institute of Geoscientists and has sufficient experience of relevance to the styles of mineralisation and types of deposits under consideration, and to the activities undertaken to qualify as Competent Persons as defined in the 2012 Edition of the Joint Ore Reserves Committee (JORC) Australasian Code for Reporting of Exploration Results, Mineral Resources and Ore Reserves. Mr Payne consents to the inclusion in this report of the matters based on this information in the form and context in which they appear.

## Appendix 5B

### Mining exploration entity or oil and gas exploration entity quarterly cash flow report

Name of entity

DeSoto Resources Limited

ABN

75 658 510 242

Quarter ended ("current quarter")

31 MARCH 2025

Consolidated statement of cash flows		Current quarter \$A'000	Year to date (9 months) \$A'000
<b>1.</b>	<b>Cash flows from operating activities</b>		
1.1	Receipts from customers	-	-
1.2	Payments for		
	(a) exploration & evaluation	(197)	(483)
	(b) development	-	-
	(c) production	-	-
	(d) staff costs	(200)	(469)
	(e) administration and corporate costs	(177)	(381)
1.3	Dividends received (see note 3)	-	-
1.4	Interest received	41	131
1.5	Interest and other costs of finance paid	-	-
1.6	Income taxes paid	-	-
1.7	Government grants and tax incentives	-	-
1.8	Other (GST paid)	(5)	3
<b>1.9</b>	<b>Net cash from / (used in) operating activities</b>	<b>(538)</b>	<b>(1,199)</b>

<b>2.</b>	<b>Cash flows from investing activities</b>		
2.1	Payments to acquire or for:		
	(a) entities	-	-
	(b) tenements	-	(154)
	(c) property, plant and equipment	-	(52)
	(d) exploration & evaluation	(110)	(737)
	(e) investments	-	-
	(f) other non-current assets	-	-

<b>Consolidated statement of cash flows</b>		<b>Current quarter \$A'000</b>	<b>Year to date (9 months) \$A'000</b>
2.2	Proceeds from the disposal of:		
	(a) entities	-	-
	(b) tenements	-	-
	(c) property, plant and equipment	-	-
	(d) investments	-	-
	(e) other non-current assets	-	-
2.3	Cash flows from loans to other entities	-	-
2.4	Dividends received (see note 3)	-	-
2.5	Other (Loan)	(222)	(222)
<b>2.6</b>	<b>Net cash from / (used in) investing activities</b>	<b>(332)</b>	<b>(1,165)</b>

<b>3.</b>	<b>Cash flows from financing activities</b>		
3.1	Proceeds from issues of equity securities (excluding convertible debt securities)	-	-
3.2	Proceeds from issue of convertible debt securities	-	-
3.3	Proceeds from exercise of options	-	-
3.4	Transaction costs related to issues of equity securities or convertible debt securities	-	-
3.5	Proceeds from borrowings	-	-
3.6	Repayment of borrowings	(15)	(44)
3.7	Transaction costs related to loans and borrowings	-	-
3.8	Dividends paid	-	-
3.9	Other (provide details if material)	-	-
<b>3.10</b>	<b>Net cash from / (used in) financing activities</b>	<b>(15)</b>	<b>(44)</b>

<b>4.</b>	<b>Net increase / (decrease) in cash and cash equivalents for the period</b>	-	-
4.1	Cash and cash equivalents at beginning of period	4,137	5,660
4.2	Net cash from / (used in) operating activities (item 1.9 above)	(538)	(1,199)
4.3	Net cash from / (used in) investing activities (item 2.6 above)	(332)	(1,165)
4.4	Net cash from / (used in) financing activities (item 3.10 above)	(15)	(44)



## Mining exploration entity or oil and gas exploration entity quarterly cash flow report

Consolidated statement of cash flows		Current quarter \$A'000	Year to date (9 months) \$A'000
4.5	Effect of movement in exchange rates on cash held	-	-
4.6	<b>Cash and cash equivalents at end of period</b>	<b>3,252</b>	<b>3,252</b>

5.	Reconciliation of cash and cash equivalents at the end of the quarter (as shown in the consolidated statement of cash flows) to the related items in the accounts	Current quarter \$A'000	Previous quarter \$A'000
5.1	Bank balances	252	137
5.2	Call deposits	3,000	4,000
5.3	Bank overdrafts	-	-
5.4	Other (provide details)	-	-
5.5	<b>Cash and cash equivalents at end of quarter (should equal item 4.6 above)</b>	<b>3,252</b>	<b>4,137</b>

6.	Payments to related parties of the entity and their associates	Current quarter \$A'000
6.1	Aggregate amount of payments to related parties and their associates included in item 1	167
6.2	Aggregate amount of payments to related parties and their associates included in item 2	7
<i>Note: if any amounts are shown in items 6.1 or 6.2, your quarterly activity report must include a description of, and an explanation for, such payments.</i>		

## Mining exploration entity or oil and gas exploration entity quarterly cash flow report

<b>7.</b>	<b>Financing facilities</b> <i>Note: the term "facility" includes all forms of financing arrangements available to the entity. Add notes as necessary for an understanding of the sources of finance available to the entity.</i>	<b>Total facility amount at quarter end \$A'000</b>	<b>Amount drawn at quarter end \$A'000</b>
7.1	Loan facilities	-	-
7.2	Credit standby arrangements	-	-
7.3	Other (please specify)	-	-
7.4	<b>Total financing facilities</b>	-	-
7.5	<b>Unused financing facilities available at quarter end</b>		-
7.6	Include in the box below a description of each facility above, including the lender, interest rate, maturity date and whether it is secured or unsecured. If any additional financing facilities have been entered into or are proposed to be entered into after quarter end, include a note providing details of those facilities as well.		

<b>8.</b>	<b>Estimated cash available for future operating activities</b>	<b>\$A'000</b>
8.1	Net cash from / (used in) operating activities (item 1.9)	(538)
8.2	(Payments for exploration & evaluation classified as investing activities) (item 2.1(d))	(110)
8.3	Total relevant outgoings (item 8.1 + item 8.2)	(648)
8.4	Cash and cash equivalents at quarter end (item 4.6)	3,252
8.5	Unused finance facilities available at quarter end (item 7.5)	-
8.6	Total available funding (item 8.4 + item 8.5)	3,252
8.7	<b>Estimated quarters of funding available (item 8.6 divided by item 8.3)</b>	5.0
<i>Note: if the entity has reported positive relevant outgoings (ie a net cash inflow) in item 8.3, answer item 8.7 as "N/A". Otherwise, a figure for the estimated quarters of funding available must be included in item 8.7.</i>		
8.8	If item 8.7 is less than 2 quarters, please provide answers to the following questions:	
8.8.1	Does the entity expect that it will continue to have the current level of net operating cash flows for the time being and, if not, why not?	
Answer: N/A		
8.8.2	Has the entity taken any steps, or does it propose to take any steps, to raise further cash to fund its operations and, if so, what are those steps and how likely does it believe that they will be successful?	
Answer: N/A		

## Mining exploration entity or oil and gas exploration entity quarterly cash flow report

8.8.3 Does the entity expect to be able to continue its operations and to meet its business objectives and, if so, on what basis?

Answer: N/A

*Note: where item 8.7 is less than 2 quarters, all of questions 8.8.1, 8.8.2 and 8.8.3 above must be answered.*

## Compliance statement

- 1 This statement has been prepared in accordance with accounting standards and policies which comply with Listing Rule 19.11A.
- 2 This statement gives a true and fair view of the matters disclosed.

Date: 29 April 2025.....

Authorised by: By the Board.....  
(Name of body or officer authorising release – see note 4)

## Notes

1. This quarterly cash flow report and the accompanying activity report provide a basis for informing the market about the entity's activities for the past quarter, how they have been financed and the effect this has had on its cash position. An entity that wishes to disclose additional information over and above the minimum required under the Listing Rules is encouraged to do so.
2. If this quarterly cash flow report has been prepared in accordance with Australian Accounting Standards, the definitions in, and provisions of, *AASB 6: Exploration for and Evaluation of Mineral Resources* and *AASB 107: Statement of Cash Flows* apply to this report. If this quarterly cash flow report has been prepared in accordance with other accounting standards agreed by ASX pursuant to Listing Rule 19.11A, the corresponding equivalent standards apply to this report.
3. Dividends received may be classified either as cash flows from operating activities or cash flows from investing activities, depending on the accounting policy of the entity.
4. If this report has been authorised for release to the market by your board of directors, you can insert here: "By the board". If it has been authorised for release to the market by a committee of your board of directors, you can insert here: "By the [name of board committee – eg Audit and Risk Committee]". If it has been authorised for release to the market by a disclosure committee, you can insert here: "By the Disclosure Committee".
5. If this report has been authorised for release to the market by your board of directors and you wish to hold yourself out as complying with recommendation 4.2 of the ASX Corporate Governance Council's *Corporate Governance Principles and Recommendations*, the board should have received a declaration from its CEO and CFO that, in their opinion, the financial records of the entity have been properly maintained, that this report complies with the appropriate accounting standards and gives a true and fair view of the cash flows of the entity, and that their opinion has been formed on the basis of a sound system of risk management and internal control which is operating effectively.