

ASX Announcement | 27 August 2025

Flagship Secures Anglo American's Pantanillo Exploration Dataset

HIGHLIGHTS

Flagship enters binding agreement with Anglo American Norte Spa (Anglo) to acquire a substantial historical exploration dataset for the Pantanillo Gold Project:

- 32,827m of drilling inclusive of 13,949m of diamond core across 148 drillholes.
- 2,151 rock, soil and stream sediment samples.
- Ground magnetic survey data covering much of the project area.
- Extensive hardcopy technical data, plans and exploration reports.

Drill core and other data has been maintained by Anglo in Copiapo:

- Drill core will facilitate resampling, metallurgical and geochemical testwork.
- Flagship estimates replacement cost at US\$15-20m (A\$23-31m), requiring 4-5 years work.

The acquisition positions Flagship to:

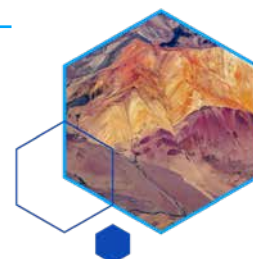
- Fast-track the conversion of the current 1.05Moz Au foreign estimate (QFE^{1,2}, NI 43-101) into a Mineral Resource Estimate in accordance with the JORC Code 2012.
- Significantly increase the Mineral Resource without immediate drilling, leveraging the newly acquired data and updated economics.
- Advance technical studies, metallurgical testwork, and project development that will support considerations for an open pit mining and heap leach processing operation.
- Evaluate seven high-priority exploration targets within the broader 110km² project area.

The transaction is structured with minimal upfront cost:

- US\$100k initial payment, followed by two staged instalments totalling US\$750k over two years.
- Final US\$1m payment on or before the 9th of April, 2030, payable only upon Flagship exercising its option to acquire Pantanillo.

¹ The qualifying foreign estimates (QFE) are not reported in accordance with the JORC Code (2012). The Competent Person has not done sufficient work to classify the qualifying foreign estimates in accordance with the JORC Code (2012) and it is uncertain that following evaluation and/or further exploration work that the foreign estimates will be able to be reported as Mineral Resources or Ore Reserves in accordance with the JORC Code. The QFE was first reported in ASX announcement dated 14 April 2025 and titled "*Pantanillo Gold Project - Advanced Large Scale Oxide Gold Project - Maricunga Gold Belt, Chile - Binding Option Agreement to Purchase 100%*".

² The Company is not in possession of any new information or data relating to the QFE that materially impacts on the reliability of the QFE or Flagship's ability to verify the QFE as Mineral Resources or Ore Reserves in accordance with Appendix 5 (JORC Code). Flagship also confirms that the supporting information provided in the initial market announcement in accordance with Listing Rule 5.12 continues to apply and has not materially changed.



Flagship Minerals' Managing Director, Paul Lock, commented:

"This is an exceptional milestone. The Anglo dataset gives us access to all historical drilling at Pantanillo - almost 33,000 metres across 148 holes - of which over 12,000m was previously unavailable and therefore not included in the current foreign estimate of 1.05Moz gold."

"With this data, including nearly 14,000m of diamond core now available for re-sampling, we can accelerate the transition to a JORC-compliant Mineral Resource and potentially grow the existing gold inventory significantly - without drilling."

"This also allows Flagship to fast-track metallurgy, feasibility work and the evaluation of seven high priority exploration targets across the project area. Importantly, we estimate the dataset would cost up to A\$31 million and take 4-5 years to recreate."

"Securing the data with back-ended terms is another highly strategic win for Flagship and its shareholders."

Flagship Minerals Limited (ASX: FLG) ("**Flagship**", "**FLG**" or "**Company**") is pleased to advise that it has entered into a binding agreement with Anglo American Norte SpA (Anglo) to acquire a substantial historic exploration and evaluation dataset for the Pantanillo Gold Project in Chile.

The dataset spans exploration activity from multiple parties: initially Anglo (1983–1998), then Kinross Gold (2005–2008), and later Orosur Mining (2009–2016), each of whom optioned the project from Anglo. When these options lapsed, the data and drill samples were returned to Anglo.

Key components of the dataset include:

- **32,827m of drilling across 148 holes** conducted between 1988 and 2012.
- **13,949m of diamond drill core** currently stored by Anglo in Copiapó, ~125km west of Pantanillo.
- The drill data includes **an additional 12,296m (70 holes)**. At least 25 of these holes were not previously incorporated into the current qualifying foreign estimate (QFE) of **47.4Mt @ 0.69g/t Au for 1.05Moz Au**, which was based on 20,531m from 78 holes.
- Preliminary review indicates **many of these additional holes intersected mineralisation**, highlighting strong potential to expand the current QFE and identify additional mineralised zones across the project area.

The diamond core is available for re-sampling, geochemical analysis and metallurgical testwork.

The electronic data also includes:

- Information for 2,151 geochemical samples comprising rock chip, soil and stream sediment samples collected across the project area.
- Electronic files derived from ground magnetic surveys undertaken across much of the project area.

The dataset also includes a large amount of hard-copy geological, geochemical and geophysical plots, as well as other hard-copy technical reports.

Flagship estimates that it would take 4 to 5 years to replicate the dataset at a cost of US\$15-20 million (A\$23-31 million).

Strategy and Work Plan

Flagship's strategy for Pantanillo is to define sufficient Mineral Resources that will support considerations for project development consisting of open pit mining and heap leach processing with an aim to produce 100,000oz of gold per year for at least 10 years.

Initial work will focus on:

- **Converting and expanding** the existing QFE into a Mineral Resource Estimate reported in accordance with the **JORC Code (2012)**. This will include validating existing drill data and, as required, additional re-sampling of drill core, confirmatory and infill drilling and other supporting technical work.
- **Advancing metallurgical testwork and project studies** to inform a robust techno-economic assessment.

The Pantanillo deposit has significant additional exploration potential for both oxide and higher-grade sulphide mineralisation. Oxide potential exists along strike to the north and south of the existing deposit (Pantanillo Norte) and the large alterations zones to the northwest at T1 and Pantanillo Central (T2), see Figure 1.

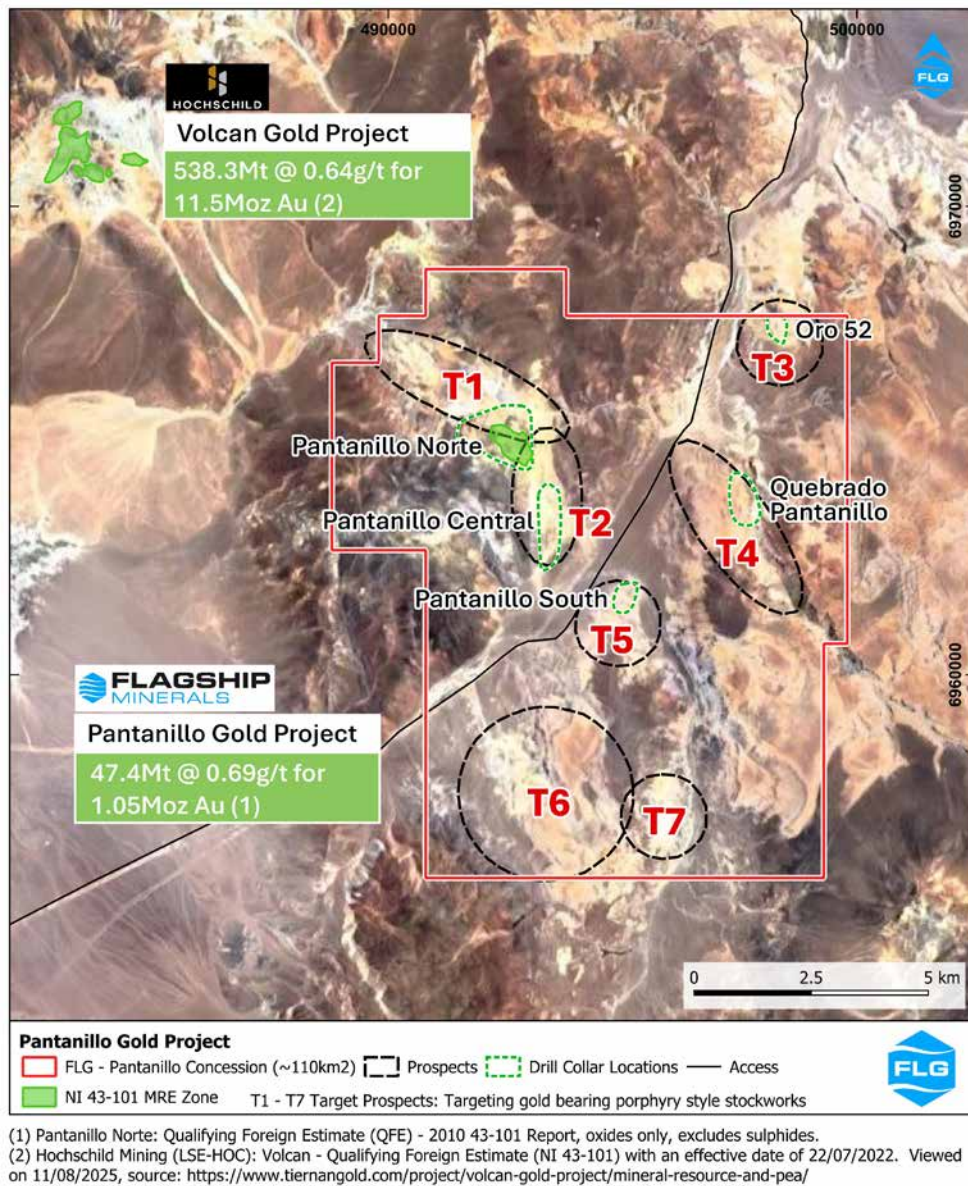


Figure 1: Pantanillo Gold Project – Local Setting and Prospects

Further potential for additional mineralisation also exists below post mineralisation cover to the southeast of the Pantanillo deposit. Outside of the Pantanillo deposit, exploration potential remains in the Oro 52 (T3), Quebrada Pantanillo (T4) and Pantanillo South (T5) prospects, see Figure 1. Limited drilling information across these prospects indicates that gold and/or silver was intersected in some holes. Flagship plans to report these results once the newly acquired drillhole data has been reviewed.

Exploration potential throughout the broader project concessions (>110km²) will also be assessed, particularly the T6 and T7 prospects.

The occurrence of magnetite and pyrite in the fresh mineralisation provides a good co-incident geophysical target utilising magnetics and Induced Polarisation. The magnetic data acquired from Anglo will be remodelled and integrated into revised geochemical and drillhole datasets and interpretations.

Data Acquisition Terms

Flagship has a preference for back-ended transaction terms as deal structures of this nature are more favourable to the incumbent shareholders and capital can be prioritised for asset improvement – reducing dilution.

The counterparty is Anglo American Norte SpA and the transaction terms are:

1. US\$100,000 payable within 45 days of signing, with full access to data as at signing.
2. US\$250,000 payable at the 1st anniversary.
3. US\$500,000 payable at the 2nd anniversary.

A further US\$1,000,000 is payable upon Flagship exercising its option to purchase Pantanillo, which is on or before the 9th of April, 2030, at Flagship's election.

Next Steps

Flagship intends to convert the current 1.05Moz Au foreign estimate into a Mineral Resource Estimate in accordance with the JORC Code 2012 and expects to increase the Mineral Resource without immediate drilling, leveraging the newly acquired data and updated economics.

This work will run in parallel with ongoing technical and permitting studies.

- Ends -

Authorised by the Chairman and Managing Director

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IMPORTANT INFORMATION

Competent Persons Statement - General

The information in this report that relates to Exploration Targets and Exploration Results, is based on information compiled by Mr. David Hobby, who is a Member of the Australasian Institute of Mining and Metallurgy. Mr. Hobby is a fulltime employee, Director and Shareholder of Flagship Minerals Limited. Mr. Hobby has sufficient experience, relevant to the style of mineralisation and type of deposit under consideration and to the activity that he is undertaking to qualify as a Competent Person as defined in the 2012 Edition of the Australasian Code for Reporting of Exploration Results, Mineral Resources and Ore Reserves (JORC Code). Mr. Hobby consents to the inclusion in the report of the matters based on his information in the form and context in which it appears.

Forward Looking Statements

Various statements in this document constitute statements relating to intentions, future acts and events which are generally classified as “forward looking statements”. These forward looking statements are not guarantees or predictions of future performance and involve known and unknown risks, uncertainties and other important factors (many of which are beyond the Company’s control) that could cause those future acts, events and circumstances to differ materially from what is presented or implicitly portrayed in this document. For example, future reserves or resources or exploration targets described in this document may be based, in part, on market prices that may vary significantly from current levels. These variations may materially affect the timing or feasibility of particular developments. Words such as “anticipates”, “expects”, “intends”, “plans”, “believes”, “seeks”, “estimates”, “potential” and similar expressions are intended to identify forward-looking statements. Flagship Minerals Limited cautions security holders and prospective security holders to not place undue reliance on these forward-looking statements, which reflect the view of Flagship Minerals Limited only as of the date of this document. The forward-looking statements made in this document relate only to events as of the date on which the statements are made. Except as required by applicable regulations or by law, Flagship Minerals Limited does not undertake any obligation to publicly update or review any forward-looking statements, whether as a result of new information or future events. Past performance cannot be relied on as a guide to future performance.

Important

To the extent permitted by law, Flagship Minerals Limited and its officers, employees, related bodies corporate and agents (Agents) disclaim all liability, direct, indirect or consequential (and whether or not arising out of the negligence, default or lack of care of Flagship Minerals Limited and/or any of its Agents) for any loss or damage suffered by a Recipient or other persons arising out of, or in connection with, any use or reliance on this document or information.

Appendix 1 - ASX Listing Rule Chapter 5. Clauses 5.10 to 5.12.10 and 5.22 (b) and (c)

The estimates of Mineral Resources for the Pantanillo Norte deposit are considered qualifying foreign estimates under relevant ASX Listing Rules. The qualifying foreign estimates were reported in accordance with Canadian Institute of Mining, Metallurgy and Petroleum (CIM) standards and the National Instrument 43-101 (NI 43-101) by Orosur Mining Inc. (TSXV:OMI) on October 15, 2010 and filed on SEDAR. The qualifying foreign estimates were re-stated by Orosur in a NI 43-101 Technical report in support of a Preliminary Economic Assessment on October 15, 2012.

The categories of Mineral Resource classification used under the NI 43-101 and CIM Standards are 'qualifying foreign estimates' in accordance with Chapter 19, ASX Listing Rules and as per Chapter 5, ASX Listing Rule 5.12.2, have the same categories of Mineral Resource classification as the JORC Code (2012) (Appendix 5A, ASX Listing Rules), which are Measured, Indicated and Inferred categories.

Flagship deems these estimates to be both material and relevant given that Pantanillo demonstrates potential to be a material mining project to Flagship.

In accordance with CIM and NI 43-101 Standards, Mineral Resources are not Mineral Reserves and do not have demonstrated economic viability. There is no certainty that all or any part of the Mineral Resources will be converted to Ore Reserves. Additional drilling and associated work will be required to verify geology and mineralisation.

The procedures used in the preparation of the qualifying foreign estimates are considered to be reliable. The NI 43-101 and CIM (2010) Standards have very similar reporting criteria to those required in Sections 1, 2 and 3 of the JORC Code 2012 Table 1.

Key criteria, as defined in Table 1 of the JORC Code (2012) has been reviewed by Flagship.

The qualifying foreign estimate has been prepared and reviewed by persons defined as qualified persons as defined in the Canadian NI 43-101 standard. The qualified persons confirm that the estimates have been prepared in accordance with Canadian NI 43-101.

Modern exploration commenced in 1983 and has been conducted by Anglo American, Kinross Gold Corp. (Kinross), and Orosur. Work completed in the period to 2011 has included geological mapping, soil and rock geochemical surveys, trenching, reverse circulation (RC) and diamond core drilling, metallurgical testwork leading to Mineral Resource estimation.

From 1988 to 2010, approximately 20,531m in 78 holes were drilled on the property. These holes were used for the resource estimation. Programs were completed by Anglo American, Kinross and Orosur. Of these, 37 holes (10,909 m) were core holes, 48 holes (10,471 m) were RC, and one hole (700 m) was pre-collared using RC drilling, then drilled to final depth with diamond drilling (see Table 1)

Table 1. Drilling used in the foreign estimate of mineralisation.

Company	Year	Total Holes	Total (m)	Hole Type
Anglo American	1988	5	1,138	DD
EMMB*	1997-98	22	4,825	RC
Kinross	2006-08	12	5,955	DD
Kinross	2006	9	2,974	RC
Orosur	2010	19	3,785	DD
Orosur	2010	11	1,854	RC
Total		78	20,531	

Assumptions including mining and processing parameters are provided in the referenced NI 43-101 report. These are summarised below.

Mineral resources (see Table 2) are reported within a Lerchs-Grossman (LG)-optimized pit shell using Whittle® software with the following assumptions: a gold price of US\$ 1,035/oz; mining cost of US\$ 1.65/t; processing cost of US\$ 4.00/t; general and administration cost of US\$ 1.00 US/t. Based upon historical testwork, gold recoveries of 75% for oxide material, 65% for mixed (oxide/sulphide) material, and 50% for sulphide material.

Table 2. Foreign estimate of mineralisation

Type	Measured ³ (Mt)	Au (g/t)	Indicated ³ (Mt)	Au (g/t)	Inferred ³ (Mt)	Au (g/t)	Total (Mt)	Au (g/t)	Au (koz)
Oxide	19.81	0.72	1.75	0.55	0.10	0.39	21.66	0.70	487.5
Mixed	16.01	0.70	8.34	0.65	0.20	0.62	24.55	0.68	536.7
Sulphide	0.75	0.72	0.44	0.68	0	0	1.19	0.69	26.4
Total	36.57	0.71	10.53	0.64	0.30	0.53	47.40	0.69	1,050.6

Mining of the mineralised material is proposed by standard open pit mining methods of drill and blast, excavate, load and haul with final pit wall slopes averaging 45 degrees. The assumed model for development anticipates

³ These terms are used in the qualifying foreign estimate of mineralisation and are reported in accordance with the Canadian Institute of Mining, Metallurgy and Petroleum (CIM) standards and the National Instrument 43-101 (NI 43-101) by Orosur Mining Inc. (TSXV:OMI) on October 15, 2010, which are discussed further in Appendix 4, with specific reference to relevant sections of ASX Listing Rules Chapter 5.

heap leach circuit recovery for all materials mined. Approximately 98% of the material mined and treated is classified as oxide (46%) or mixed (52%). The balance being sulphides.

The proposed plant would use conventional, tested technology and consist of the following unit operations: – Primary crushing to product size at P80 -25 mm, Transport by conveyor to secondary crushing, Transport by conveyor to load out bin and reagent addition (lime), Transport and heap loading with trucks, Heap leaching with cyanide/solution recovery, Adsorption, desorption and recovery (ADR) and electrowinning (EW) plant.

Other assumptions made include: approvals of necessary permitting and environmental requirements will proceed without concern, water rights are sufficient for the operation. Locations for dumps, leach pads, processing and associated infrastructure are assumed base upon site topography and pit location.

Average density values for each mineralization unit were estimated from the density database provided by Orosur. Some determinations were excluded from the calculations due to apparent inconsistencies (anomalously low values, confusing classification, etc.).

Gold was estimated by using ordinary kriging (OK) estimation within modelled domains based on assay results and geological model. The grade estimation was completed in three passes. Hard contacts were assumed, so that samples were not shared across boundaries. Variograms defined a single-search orientation for all domains of the mineralized body, striking approximately 125° azimuth and dipping 60° southwest. The block model consists of regular blocks (10 m x 10 m x 10 m) and is rotated at 11.12 degrees azimuth. Gold grade inside and outside the 0.3 g/t Au grade shell were selected according to their position with respect to the grade-shell, lithology and mineralization units. The lithological, mineralization and grade-shell solids provided the support for the estimation domains. The three-dimensional block model was coded for lithology, mineralization and grade shell using the solids for each. Higher grades were given more restricted interpolation parameters to avoid grade smearing and potential overestimation.

Classification of Measured, Indicated and Inferred Mineral Resource to CIM definition standards is based on estimation passes within drill spacing parameters (see Table 3)

Table 3. Classification for foreign estimate of mineralisation

Category	No. of drillholes	Distance to closest sample (m)	Average weighted distance (m)
Measured	At least two	0-50	0-75
Indicated	At least two	50-100	75 to 100
Inferred	No restriction	No restriction	No restriction

There are no more recent estimates of the mineralisation for the Project.

In accordance with Chapter 5, ASX Listing Rule 5.12.7, key activities proposed to ensure the qualifying foreign estimate complies with the JORC Code (2012 Edition) will include: Detailed verification and validation of information contained in the NI 43-101 report, particularly information relating to the drillhole database including sampling and assaying QA/QC, verification re-sampling and assaying of available ½ drill-core and sample pulps, verification of location/survey data, improving the geological model relevant to the mineralisation, verification of

density measurements applied to the different styles of mineralisation as well modelling of the oxide, mixed and fresh rock components of the mineralisation

The completion of additional diamond core drilling will be required to assist in validating the historical drill data that will be applied to a new Mineral Resource estimate. The application of updated modifying factors, such as metallurgical testwork on new drill core will assist in determining cut-off parameters. Pit optimisations may also be conducted on the new Mineral Resource leading to further technical studies to potentially define Ore Reserves. Assessments of environmental factors relevant to the project are also planned.

In accordance with Chapter 5, ASX Listing Rule 5.12.8, the work outlined above is anticipated to take approximately 2 years to complete. To fund the initial phase of this work Flagship is in discussions with relevant parties to complete an equity placement in April. Subject to commercial terms the Company intends to raise \$3 million.

Competent Person Statement

The Exploration Results and information in this announcement reported under Listing Rule 5.12 that relates to foreign estimates of mineralisation at the Pantanillos Project is based on and fairly represents information compiled by Mr David Hobby, and is an accurate representation of the available data and studies for the Project. Mr Hobby is a Member of the Australasian Institute of Mining and Metallurgy and is an employee and Executive Director of Flagship Minerals Limited. Mr Hobby has sufficient experience relevant to the style of mineralisation and type of deposit under consideration and to the activity being undertaken to qualify as a Competent Person as defined in the 2012 edition of the Australasian Code for the Reporting of Exploration Results and Mineral Resources, and Ore Reserves. Mr Hobby consents to the inclusion in the announcement of the matters based on the information in the form and context in which it appears.

References

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