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To require reports on critical mineral and rare earth element resources around the world and a strategy for the development of advanced mining, refining, separation, and processing technologies, and for other purposes.

IN THE SENATE OF THE UNITED STATES

FEBRUARY 27, 2025

Mr. CORNYN (for himself, Mr. WARNER, Mr. YOUNG, Mr. HICKENLOOPER, and Mr. KING) introduced the following bill; which was read twice and referred to the Committee on Energy and Natural Resources

A BILL

To require reports on critical mineral and rare earth element resources around the world and a strategy for the development of advanced mining, refining, separation, and processing technologies, and for other purposes.

1 *Be it enacted by the Senate and House of Representa-*
2 *tives of the United States of America in Congress assembled,*

3 **SECTION 1. SHORT TITLE.**

4 This Act may be cited as the “Critical Minerals Secu-
5 rity Act of 2025”.

6 **SEC. 2. REPORTS ON CRITICAL MINERAL AND RARE EARTH** 7 **ELEMENT RESOURCES.**

8 (a) **DEFINITIONS.**—In this section:

1 (1) COVERED NATION.—The term “covered na-
 2 tion” has the meaning given the term in section
 3 4872(d) of title 10, United States Code.

4 (2) CRITICAL MINERAL.—The term “critical
 5 mineral” has the meaning given the term in section
 6 7002(a) of the Energy Act of 2020 (30 U.S.C.
 7 1606(a)).

8 (3) FOREIGN ENTITY OF CONCERN.—The term
 9 “foreign entity of concern” has the meaning given
 10 the term in section 40207(a) of the Infrastructure
 11 Investment and Jobs Act (42 U.S.C. 18741(a)).

12 (4) RARE EARTH ELEMENTS.—The term “rare
 13 earth elements” means cerium, dysprosium, erbium,
 14 europium, gadolinium, holmium, lanthanum, lute-
 15 tium, neodymium, praseodymium, promethium, sa-
 16 marium, scandium, terbium, thulium, ytterbium, and
 17 yttrium.

18 (5) SECRETARY.—The term “Secretary” means
 19 the Secretary of the Interior

20 (6) UNITED STATES PERSON.—The term
 21 “United States person” means—

22 (A) a United States citizen or an alien law-
 23 fully admitted for permanent residence to the
 24 United States; or

1 (B) an entity organized under the laws of
2 the United States or of any jurisdiction within
3 the United States, including a foreign branch of
4 such an entity.

5 (b) REPORTS ON CRITICAL MINERAL AND RARE
6 EARTH ELEMENT RESOURCES.—

7 (1) IN GENERAL.—Not later than 1 year after
8 the date of enactment of this Act, and every 2 years
9 thereafter, the Secretary, in consultation with the
10 Secretary of Energy and the heads of other relevant
11 Federal agencies, shall submit to Congress a report
12 on all critical mineral and rare earth element re-
13 sources (including recyclable or recycled materials
14 containing those resources) around the world that
15 includes—

16 (A) an assessment of—

17 (i) which of those resources are under
18 the control of a foreign entity of concern,
19 including through ownership, contract, or
20 economic or political influence;

21 (ii) which of those resources are
22 owned by, controlled by, or subject to the
23 jurisdiction or direction of the United
24 States or a country that is an ally or part-
25 ner of the United States;

1 (iii) which of those resources are not
2 owned by, controlled by, or subject to the
3 jurisdiction or direction of a foreign entity
4 of concern or a country described in clause
5 (ii); and

6 (iv) in the case of those resources not
7 undergoing commercial mining, the reasons
8 for the lack of commercial mining;

9 (B) for each mine from which significant
10 quantities of critical minerals or rare earth ele-
11 ments are being extracted, as of the date that
12 is 1 year before the date of the report—

13 (i) an estimate of the annual volume
14 of output of the mine as of that date;

15 (ii) an estimate of the total volume of
16 mineral or elements that remain in the
17 mine as of that date;

18 (iii)(I) an identification of the country
19 and entity operating the mine; or

20 (II) if the mine is operated by more
21 than 1 country or entity, an estimate of
22 the output of each mineral or element from
23 the mine to which each such country or en-
24 tity has access; and

1 (iv) an identification of the ultimate
2 beneficial owners of the mine and the per-
3 centage of ownership held by each such
4 owner;

5 (C) for each mine not described in sub-
6 paragraph (B), to the extent practicable—

7 (i) an estimate of the aggregate an-
8 nual volume of output of the mines as of
9 the date that is 1 year before the date of
10 the report;

11 (ii) an estimate of the aggregate total
12 volume of mineral or elements that remain
13 in the mines as of that date; and

14 (iii) an estimate of the aggregate total
15 output of each mineral or element from the
16 mine to which a foreign entity of concern
17 has access;

18 (D)(i) a list of key foreign entities of con-
19 cern involved in mining critical minerals and
20 rare earth elements;

21 (ii) a list of key entities in the United
22 States and countries that are allies or partners
23 of the United States involved in mining critical
24 minerals and rare earth elements; and

1 (iii) an assessment of the technical feasi-
2 bility of entities listed under clauses (i) and (ii)
3 mining and processing resources identified
4 under subparagraph (A)(iii) using existing ad-
5 vanced technology;

6 (E) an assessment, prepared in consulta-
7 tion with the Secretary of State, of ways to col-
8 laborate with countries in which mines, mineral
9 processing operations, or recycling operations
10 (or any combination thereof) are located that
11 are operated by other countries, or are operated
12 by entities from other countries, to ensure on-
13 going access by the United States and countries
14 that are allies and partners of the United
15 States to those mines and processing or recy-
16 cling operations;

17 (F) a list, prepared in consultation with
18 the Secretary of Commerce, identifying, to the
19 maximum extent practicable, all cases in which
20 entities were forced to divest stock in mining,
21 processing, or recycling operations (or any com-
22 bination thereof) for critical minerals and rare
23 earth elements based on—

24 (i) regulatory rulings of the govern-
25 ment of a covered nation;

1 (ii) joint regulatory rulings of the gov-
2 ernment of a covered nation and the gov-
3 ernment of another country; or

4 (iii) rulings of a relevant tribunal or
5 other entity authorized to render binding
6 decisions on divestiture;

7 (G) a list of all cases in which the govern-
8 ment of a covered nation purchased an entity
9 that was forced to divest stock as described in
10 subparagraph (F); and

11 (H) a list of all cases in which mining,
12 processing, or recycling operations (or any com-
13 bination thereof) for critical minerals and rare
14 earth elements that were not subject to a ruling
15 described in subparagraph (F) were taken over
16 by—

17 (i) the government of a covered na-
18 tion; or

19 (ii) an entity located in, or influenced
20 or controlled by, the government of a cov-
21 ered nation.

22 (2) FORM OF REPORT.—Each report required
23 by paragraph (1) shall be submitted in unclassified
24 form, but may include a classified annex, if nec-
25 essary.

1 (c) PROCESS FOR NOTIFYING UNITED STATES GOV-
 2 ERNMENT OF DIVESTMENT.—Not later than 1 year after
 3 the date of enactment of this Act, the Secretary, in con-
 4 sultation with the Secretary of State, shall establish a
 5 process under which—

6 (1) a United States person seeking to divest
 7 stock in mining, processing, or recycling operations
 8 for critical minerals and rare earth elements in a
 9 foreign country may notify the Secretary of the in-
 10 tention of the person to divest the stock; and

11 (2) the Secretary may provide assistance to the
 12 person to find a purchaser that is not under the con-
 13 trol of the government of a covered nation.

14 (d) STRATEGY ON DEVELOPMENT OF ADVANCED
 15 MINING, REFINING, SEPARATION, PROCESSING, AND RE-
 16 CYCLING TECHNOLOGIES.—

17 (1) IN GENERAL.—Not later than 1 year after
 18 the date of enactment of this Act, the Secretary, in
 19 consultation with the Secretary of Energy and the
 20 heads of other relevant Federal agencies, shall de-
 21 velop—

22 (A) a strategy to collaborate with the gov-
 23 ernments of countries that are allies and part-
 24 ners of the United States to develop advanced

1 mining, refining, separation, processing, and re-
2 cycling technologies; and

3 (B) a method for sharing the intellectual
4 property resulting from the development of ad-
5 vanced mining, refining, separation, processing,
6 and recycling technologies with the governments
7 of countries that are allies and partners of the
8 United States to enable those countries to li-
9 cense those technologies and mine, refine, sepa-
10 rate, process, and recycle the resources of those
11 countries.

12 (2) REPORTS REQUIRED.—Not later than 1
13 year after the date of enactment of this Act, and an-
14 nually thereafter, the Secretary shall submit to Con-
15 gress a report on the progress made in developing
16 the strategy and method described in paragraph (1).

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