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Committee Secretary
State Development, Natural Resources and Agricultural Industry Development Committee
Parliament House
George Street
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The priorities of the Australian Space Agency include Space Situational Awareness (SSA) and debris monitoring, research and development, and developing a strategy to position Australia as an international leader in specialised space capabilities.

Please allow me to introduce to you NEO Resource Atlas PTY. LTD. (NEORA); a QLD space industry start-up. NEORA is a spin out of the University of Southern Queensland with the primary goal to create a register or catalogue of Near-Earth Objects (NEO's) to provide off-world mining projects with valuable data for target selection. NEORA is an asteroid mining prospector. The project was part of the CSIRO incubator program OnPrime and is now part of the CSIRO's accelerator program OnRunway. Right now, we are negotiating MoU's and LoI's with DLR (Deutsche Luft- und Raumfahrt), ESA (European Space Agency), LSA (Luxembourg Space Agency) and companies such as Sybilla and Aten engineering.

Although Asteroid Mining is still in its infancy, it is gaining considerable international attention. According to Goldman Sachs, the Asteroid Mining industry could "produce the world's first trillionaire". This claim is backed up by significant interest from investors and governments.

The advancements in the preparation of setting up a viable and lucrative industry are indeed moving fast. Even though these preparations will ensure that Asteroid Mining will become a substantial industry in the future, finding the right asteroids to mine is proving difficult. Asteroids come in a range of compositions and can only be seen for a short period of their orbit around the Sun. Nevertheless, new Asteroids are discovered constantly. Those are just a few of the challenges adding to the complexity of finding the right target. Clearly, when planning missions that will cost hundreds of millions of dollars to objects that are worth billions of dollars, prudent target selection is crucial to success.

We have developed a process that allows for high-quality analysis of numerous properties of asteroids. Our process will not only provide a comprehensive database to maximise the probability of selecting a valuable mining target but also identify asteroids that will not be appropriate targets for the industry. This proprietary database will provide prospective miners with a significant commercial advantage by having high-quality target information available that will take competitors many years to replicate.

To achieve this, we will build a worldwide network of ground-based instruments combined with satellites. This network will not only deliver valuable information for target selection but also create revenue from the start through satellite orbit determination, satellite tracking, and space debris tracking abilities. We are already in discussions/negotiations with a European Government interested in our asteroid register, DLR's SMARTnet for space debris tracking, Insurance companies for pre-launch clear orbit determination projects, and ESA for Satellite tracking.

Sincerely yours



Christopher C.E. Tylor

(M Eng G C Journ M Sc PhD Candidate)

Managing Director NEO Resource Assets PTY LTD

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