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- Key International and Political Developments
- Advancements and Progress in NEO Discovery
- NEO Characterization Results
- Deflection and Disruption Models & Testing
- Mission & Campaign Designs
- Impact Consequences
- Disaster Response
- Decision to Act
- Public Education & Communication

## NEO MINERAL SOURCES USAGE FOR ELECTRICAL POWER PRODUCTION

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### ABSTRACT

For deep space missions it has become necessary to develop technology to settle permanent base on moon. It shall not only be beneficial but also necessary as carrying full payload altogether from earth for deep space missions is very costly. So building a permanent base at moon will come up as an excellent solution to this constraint. However advance technology is required to build up a permanent base on moon. But more advance technology is required to prepare a power system for catering the electrical power requirements of permanent base. So NEO may act as a probable source of metals like gold, silver, tungsten, iron, cobalt, manganese, titanium which can be used to fulfil various needs of crew in permanent base. Moreover elements like hydrogen and ammonia may also be used in rocket propulsion. So this paper basically deals with the technological ideas related to collect and use of mineral and element resources of NEO for accommodating the needs of any permanent settled base on moon in future.

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