

Mine proposals that include marine waste dumping

Updated August 2020

Estimated tonnes of tailings and waste rock that would be dumped annually into the ocean from *proposed* mines.

| Mine (linked to data source) | Location | Company | Stage of Development | Tailings and Waste Rock (tonnes) | Proposed dumping depths |
|----------------------------------|------------------|--------------------------------------|------------------------------------|----------------------------------|-------------------------|
| Nussir | Norway | Nussir ASA | Awaiting final permits | 2 million | 90 meters |
| Engebø | Norway | Nordic Mining ASA | Awaiting final permits | 4 million | 300 meters |
| Bindal | Norway | Bindal Mining AS | Early environmental review | 200,000 | 100 meters |
| Çayeli expansion | Turkey | First Quantum Minerals | Environmental review | TBD | TBD |
| Wafi-Golpu | Papua New Guinea | WGJV: Newcrest Mining / Harmony Gold | Environmental review | 13 million | 200 meters |
| Yandera | Papua New Guinea | Era Resources | Exploration drilling | TBD | TBD |
| Woodlark | Papua New Guinea | Geopacific Resources Limited** | Fully permitted, seeking financing | 12 million | Information withheld |
| Morowali Industrial Park | Indonesia | Tsingshan Group and subsidiaries | Awaiting final permits | 25 million | 250 meters |
| OBI Nickel-Cobalt | Indonesia | Harita Group | Awaiting final permits | 6 million | 170 meters |

** [Geopacific Resources Limited](#) consolidated its ownership of the Woodlark project in [June 2019 when it acquired Kula Gold](#). Despite [multiple requests in 2015 from the Mineral Policy Institute](#) and others, Kula Gold never released the project's Environmental Impact Statement.

Defining dumping depths : The World Bank Group's [Environmental, Health, and Safety Guidelines](#) state that shallow marine mine waste disposal is not acceptable, and have very strict conditions for deep disposal. A [2018 report defined](#) shallow as depths between 0 - 200 meters, intermediate as depths between 200 -1,000 meters and deep-sea tailings dumping as depths below 1,000 meters.

