

# Advanced Borehole Mining Technology



An environmentally friendly way of  
mining is a smarter way of mining.

# *Advanced Borehole Mining Technology*

## *The New Generation Mining*



Born from several subsea excavation methods, ABMT was created for the mining of all alluvial, rare earth minerals and gems. It has now been developed into a viable and cost effective way of mining both on land and at sea.

- ✓ **No** more is there need to open pit mine for alluvial mineral recovery.
- ✓ **No** more is there need to tunnel for alluvial mineral recovery.
- ✓ **No** more is there need to remove overburden to access mineral seams.
- ✓ **No** more poisoning water tables.
- ✓ **No** more waiting years for eco system regeneration.



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# *Abilities, Inabilities & Requirements*

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- Works on land, in Rivers, Marshes, Dams, Lakes or in the Sea.
- Able to recover up to 1000m<sup>3</sup> per hour of mineral bearing slurry.
- Does not require the removal of overburden to get to seams.
- Does not inject chemicals for mineral recovery.
- Works both onshore and offshore.
- Requires water to operate.
- Cannot bore through solid rock. (At this time)
- Will bore through thick sticky clay with ease.
- Takes approximately 60 minutes to reach 200 meters. (Depending on soil conditions)
- No mechanical moving parts sub-terrain.
- Able to recover stones / minerals up to 160mm diameter with ease.
- Will recover any alluvial or rare earth minerals.
- Design engineered per project and depth.
- Restoring the mined foot print in days not years.
- Active "Preventative Maintenance System" (PMS) Procedures are carried out on a regular basis to ensure smooth uninterrupted running of all machinery.

"Deforestation is changing our climate, harming people and the natural world.

We must, and can, reverse this trend." —Jane Goodall