



**BPH GLOBAL LTD**  
**ACN 009 104 330**

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Company Announcements Platform  
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## **Exceptional gold and copper assays from seaweed cultivation**

### **Highlights**

- **Gold Assays up to 14.85 mg/kg**
- **Copper Assays up to 10.88mg/kg**
- **Assays from further testing of Phase 1 Seaweed grown using clean, filtered seawater from the island of Sentosa**
- **Testwork to be conducted on seaweed cultivated in polluted, brackish water in Johor, Malaysia**

The Board of BPH Global Ltd (ASX: BP8) (**Company**), is pleased to announce the latest laboratory assay results from its ongoing R&D program conducted by Temasek Innovation Holdings Pte Ltd (**TPIH**), an operating company of Temasek Polytechnic in Singapore, in collaboration with the Company's Singapore-based R&D consultant Gaia Mariculture Pte Ltd (**Gaia Mariculture**).

Managing Director Matthew Leonard said: "The presence of gold and copper, in addition to the previously identified cobalt and silver, marks another exciting milestone in our research. These results further support our view that seaweed has the potential to act like a sponge for base and precious metals in seawater. We look forward to investigating this further in Phase 2 of the R&D Program."

### **Phase 1 Work Plan and additional testing**

As detailed in the Company's [announcement on 21 February 2025](#), Phase 1 focused on the cultivation of *Sesuvium Portucalastrum* in a controlled laboratory setting. The process, initiated in early December 2024 at Gaia Mariculture's Singapore facility, used clean, filtered seawater sourced from Sentosa Island—free from industrial or urban pollution and sediment. Initial tests revealed exceptional silver and cobalt levels.

Following these results, the Company asked TPIH to undertake additional assays on Batch 1 of Phase 1 to measure the gold and copper content. The samples, previously processed with concentrated

nitric acid and hydrogen peroxide, were filtered and diluted for analysis using Inductively Coupled Plasma–Mass Spectrometry (ICP-MS). The results are presented in Table 1 below:

Table 1: Assay results of samples from Batch 1 utilising ICP-MS

Metal	Batch 1 metal content (mg/kg)
Gold	14.85
Copper	10.88

### Phase 1 R&D Objectives and Findings

The primary objective of Phase 1 was to assess the mineral absorption capabilities of *Sesuvium Portucalastrum* seaweed grown in the laboratory in pristine waters (clean, filtered seawater from the Singapore Island of Sentosa, without industrial/urban pollution and without sediment). The initial focus on a small suite of base and precious metals of high intrinsic value including Nickel (Ni), Arsenic (As), Silver (Ag) and Cobalt (Co). This was expanded to test for Gold (Au) and Copper (Cu) based on the initial results.

The analysis of the additional assay results on Batch 1 further indicates that *Sesuvium Portucalastrum* seaweed species appears to be a good absorber of minerals, including gold and copper.

### Next Steps

Building on the announcement from 21 February 2025, Phase 2 will shift focus to cultivating *Sesuvium Portucalastrum* seaweed species in brackish waters of Johor, Malaysia that are proximate to shipping lanes and industrial activity. This will enable the Company to test its hypothesis that seaweed absorbs higher mineral concentrations in dirty, polluted waters than seaweed grown in pristine waters due to the “sponge” effect.

### Further updates

The Company will provide further updates regarding the Phase 2 cultivation and assays cycle.

This announcement has been approved for release by the Board of Directors.

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For further information, please visit our website at [www.bp8global.com](http://www.bp8global.com) or contact:

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