Identification of special aspects of polymetallic nodule deposits of the Area that should be addressed in reporting standards

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Differences

- Method
- No drilling
- Orientation of data

Similarities

- QAQC
- Verification
- Logging
- Location
- Data spacing
- Data archives
- Recovery
- Description of method
- Description of subsampling

Sampling
Volume $\times$ Density $\rho = $ Tonnage

Nodule abundance

Removes risk from poor interpretation

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ISA Workshop – Polymetallic Nodules Resource Classification
13 to 17 October 2014, Goa India
Nodules can be mapped

They are on or near the sea floor

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Nodule % coverage + Box core calibration = Kg/m²

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ISA Workshop – Polymetallic Nodules Resource Classification
13 to 17 October 2014, Goa India
Required spacing

Nodule abundance

video/acoustic

box core
Sample spacing
Nodules = 20 km
Terrestrial = 20 m to 800m

Massive
Exploration Results

Differences

Data aggregation

Similarities

Mineral rights

History (previous exploration)

Geology

Diagrams

Balanced reporting

Other exploration data

Further work

Relationship between mineralisation width & intercept length
There are differences between nodules and terrestrial deposits

... those differences can be accommodate within the Code

TOML have reported the first public resource estimate under NI43-101
Thank you for listening

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