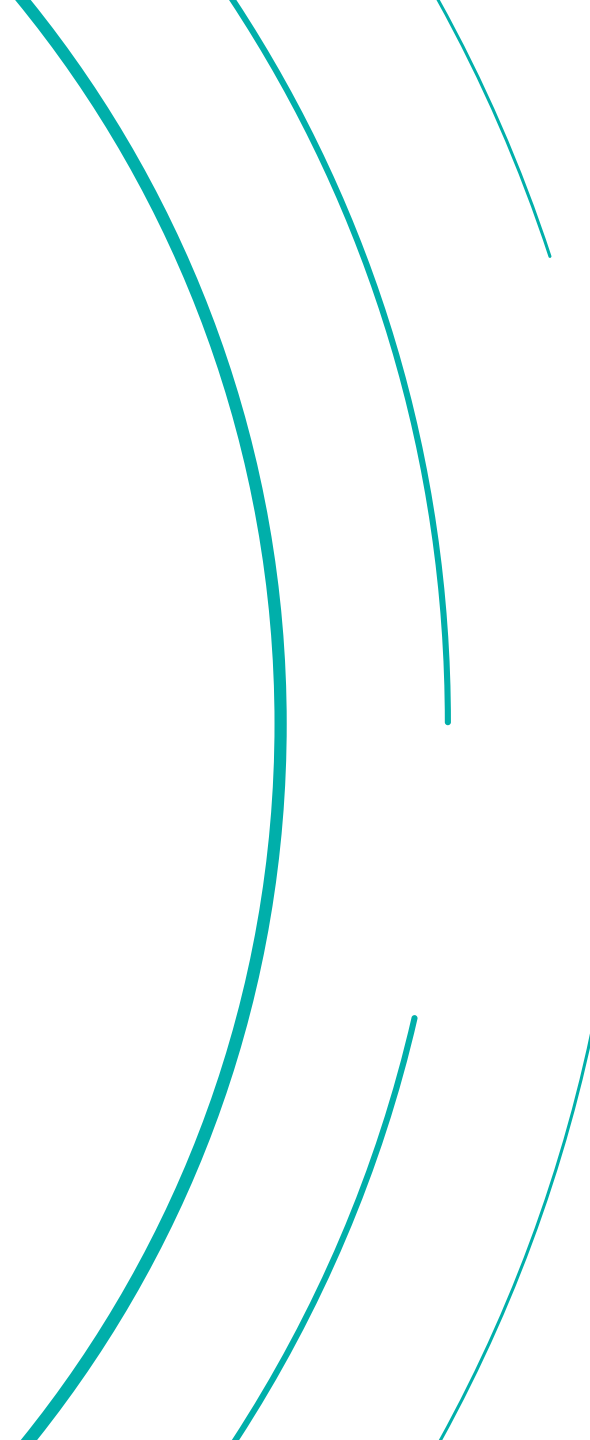


# GLENCORE

## 2023 Assurance

### PSV



## Content

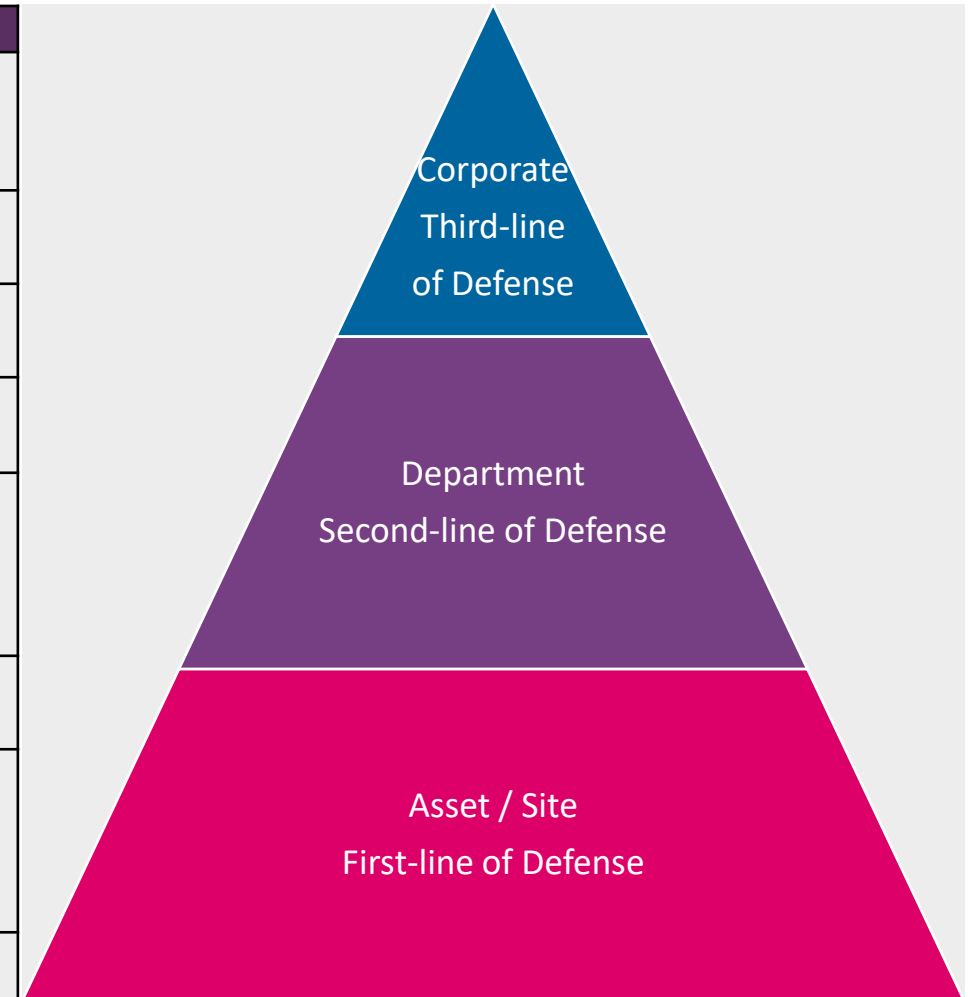
- Third-line of Defence Assurance 2023
- Second-line of Defence Assurance 2023
- Planned assurance 2024



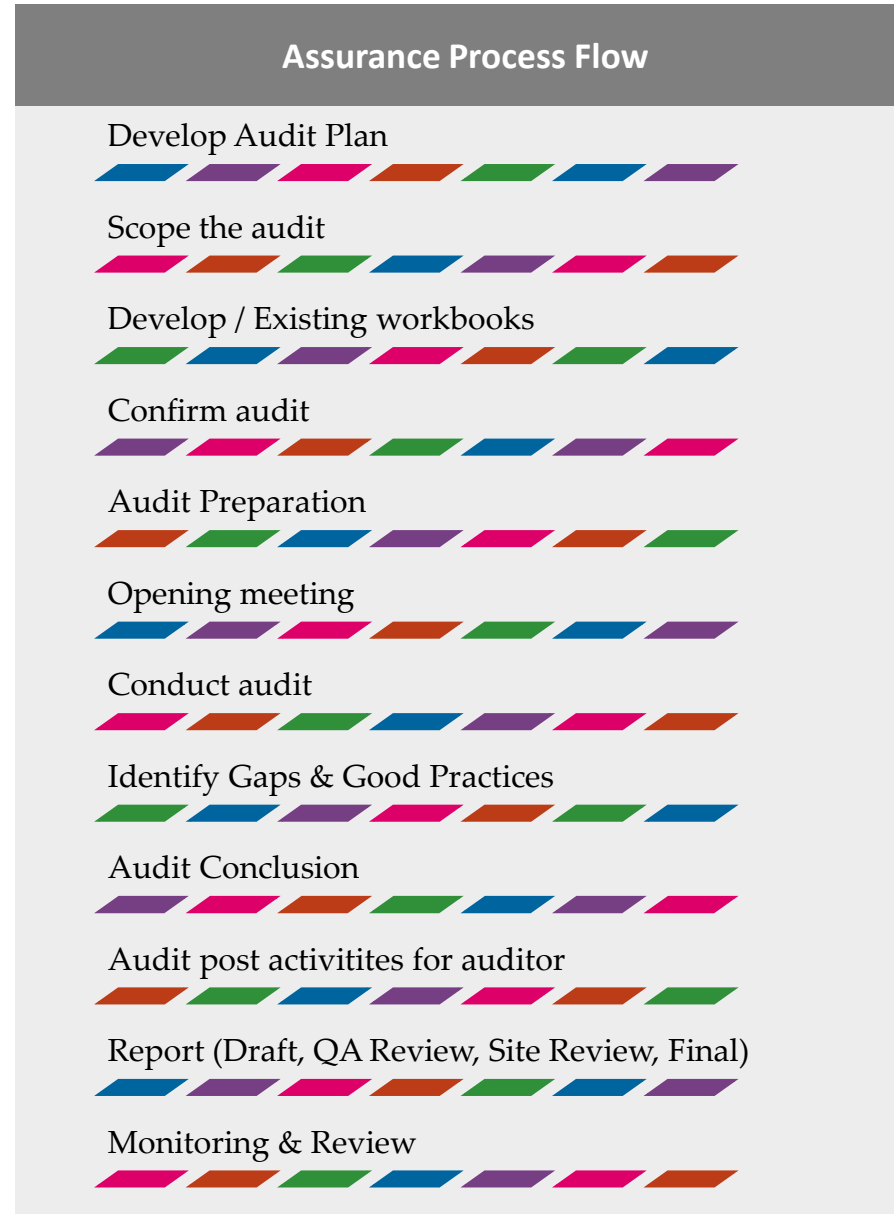
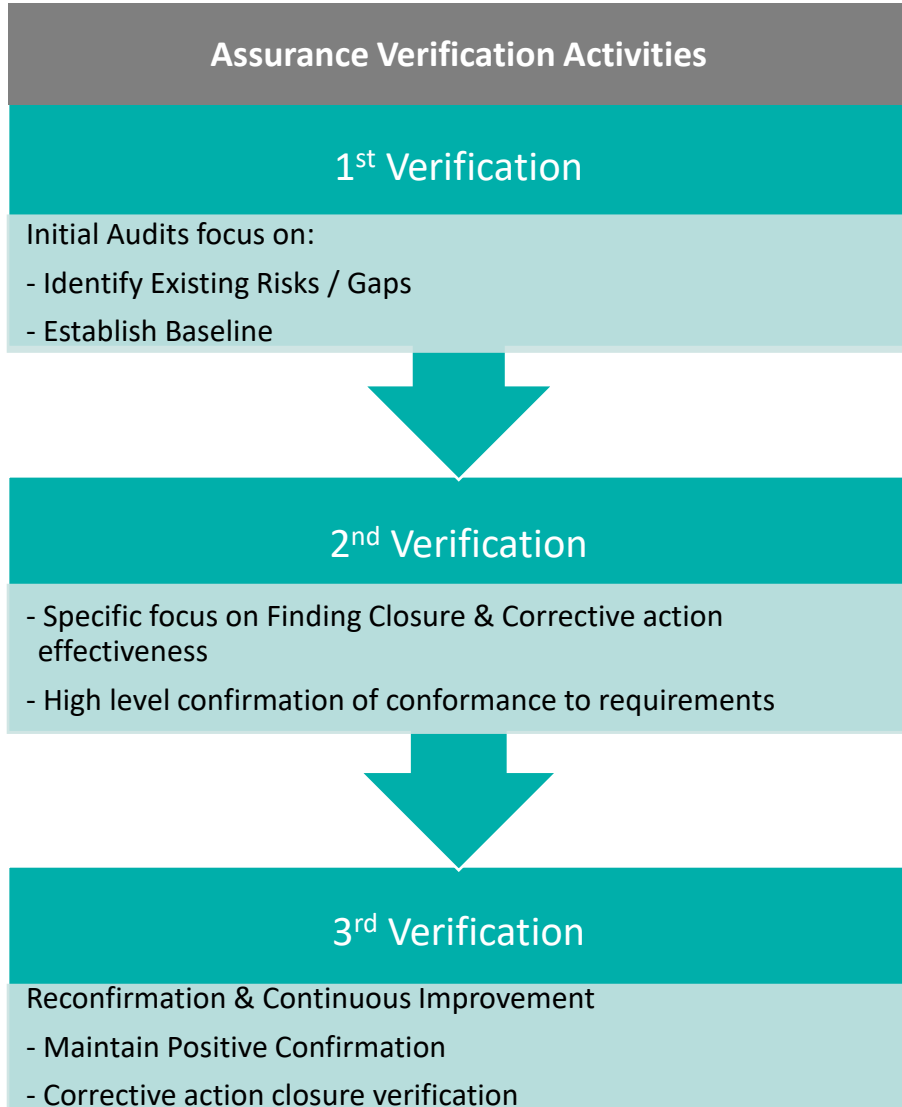
# Assurance

## Second-line of Defense

Subject	Party	Scope
Fatal and Catastrophic Hazards FHPs	Second party and/or Third party	Compliance w.r.t the Fatal Hazard Protocols and review of catastrophic hazard requirements as per workbook – 3-year cycle
HSEC & HR Standards	Second party and/or Third party	Compliance w.r.t the HSEC & HR Standards as per workbook – 3-year cycle
Critical Controls	Second party	Critical Control Management according to guideline and data verification
SafeWork Performance Expectations	Second party	Compliance w.r.t SafeWork Performance as per workbook – 3-year cycle
HSE Legal Compliance	Third Party	Schedule Legal compliance to relevant legislation, with technical component of compliance w.r.t authorizations, license & permits – 3-year cycle
HSEC & HR Data	Second Party	Quarterly Internal Process Control Review GCP Data verification – 3-year cycle
Compliance Inspections	Second Party	Schedule at all operations throughout the year, focused on compliance with legislation, protocols and standards - ad-hoc inspections for focus areas / areas of concern
HPRI verification	Second Party	Review effective action closure



# Second line of Defense Assurance



# Third line of Defence Assurance 2023

## Underground assessments

- Eastern Chrome Mines
- Western Chrome Mines
  
- Tailings Storage Facilities – Klohn Crippen Berger
- Boshhoek Smelter
- Helena Mine
- Kroondal Mine
- Lion Smelter
- Lydenburg Smelter
- Rietvly mine
- Rustenburg Smelter
- Thorncliffe Mine
- Waterval West Mine
- Wonderkop Smelter

# Third line of Defence Assurance 2023

## Metallurgical Plants - HATCH

- Boshhoek Smelter
- Lion Smelter

## PMC 5 Incident Action Verification (Second Party)

- Lion Smelter
- Kroondal Mine

# Second line of Defence Assurance 2023

## HSE Legal Compliance –Tabacks Attorneys

- Wonderkop Smelter

## GCP Data verification

- Lydenburg Smelter
- Eastern Chrome Mines

## Safework Performance Expectations

- Boshhoek Smelter
- Lion Smelter
- Lydenburg Smelter
- Rustenburg Smelter
- Wonderkop Smelter
- Eastern chrome Mines (Helena, Magareng, Thorncliffe)
- Western Chrome Mines (Kroondal, Waterval, Rietvly)

# Second line of Defence Assurance 2023

## Fatal Hazard Protocol 01 – Energy Isolation

- Lydenburg Smelter
- UG2

## Fatal Hazard Protocol 03 – Confined Space / Noxious Atmospheres

- Lydenburg Smelter

## Fatal Hazard Protocol 08 – Lifting & Cranage

- Lydenburg Smelter
- UG2

## Fatal Hazard Protocol 12 – Inrush & Outburst

- Lydenburg Smelter
- Kroondal Mine
- UG2



# Second line of Defence Assurance 2023

## Fatal Hazard Protocol 13 – Molten Material

- Boshhoek Smelter (second verification)
- Lydenburg Smelter (second verification)
- Lion Smelter (second verification)
- Rustenburg Smelter (second verification)
- Wonderkop Smelter

## Road Safety Transportation Standard

- Boshhoek Smelter
- Lion Smelter
- Lydenburg Smelter
- Rustenburg Smelter
- Wonderkop Smelter
- Eastern chrome Mines (Helena, Magareng, Thorncliffe)
- Western Chrome Mines (Kroondal, Waterval, Rietvly)

# Second line of Defence Assurance 2023

## Structural Failure Standard

- Boshhoek Smelter
- Lion Smelter
- Lydenburg Smelter
- Rustenburg Smelter
- Wonderkop Smelter
- Eastern chrome Mines (Helena, Magareng, Thorncliffe)
- Western Chrome Mines (Kroondal, Waterval, Rietvly)

## Aviation Standard

- Boshhoek Smelter
  - Lion Smelter
  - Lydenburg Smelter
  - Rustenburg Smelter
  - Wonderkop Smelter
  - Eastern chrome Mines (Helena, Magareng, Thorncliffe)
  - Western Chrome Mines (Kroondal, Waterval, Rietvly)
-

# Second line of Defence Assurance 2023

## HSEC & HR Management Standard

- Boshhoek Smelter
- Lion Smelter
- Lydenburg Smelter
- Rustenburg Smelter
- Wonderkop Smelter
- Eastern chrome Mines (Helena, Magareng, Thorncliffe)
- Western Chrome Mines (Kroondal, Waterval, Rietvly)

## Cultural Heritage Standard

- Boshhoek Smelter
  - Lion Smelter
  - Lydenburg Smelter
  - Rustenburg Smelter
  - Wonderkop Smelter
  - Eastern chrome Mines (Helena, Magareng, Thorncliffe)
  - Western Chrome Mines (Kroondal, Waterval, Rietvly)
-

# Second line of Defence Assurance 2023

## Social Performance Standard

- Boshhoek Smelter
- Lion Smelter
- Lydenburg Smelter
- Rustenburg Smelter
- Wonderkop Smelter
- Eastern chrome Mines (Helena, Magareng, Thorncliffe)
- Western Chrome Mines (Kroondal, Waterval, Rietvly)

## Environmental Standard

- Boshhoek Smelter
  - Lion Smelter
  - Lydenburg Smelter
  - Rustenburg Smelter
  - Wonderkop Smelter
  - Eastern chrome Mines (Helena, Magareng, Thorncliffe)
  - Western Chrome Mines (Kroondal, Waterval, Rietvly)
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# Second line of Defence Assurance 2023

## Energy & Climate Change Standard

- Boshhoek Smelter
- Lion Smelter
- Lydenburg Smelter
- Rustenburg Smelter
- Wonderkop Smelter
- Eastern chrome Mines (Helena, Magareng, Thorncliffe)
- Western Chrome Mines (Kroondal, Waterval, Rietvly)

# Third Line of Defense Assurance – Planned for 2024

## Tailings Facility assessments

- Boshhoek Smelter
- Helena Mine
- Kroondal Mine
- Lion Smelter
- Lydenburg Smelter
- Rietvly mine
- Rustenburg Smelter
- Thorncliffe Mine
- Waterval West Mine
- Wonderkop Smelter

## Underground assessments

- Kroondal Mine
- Helena Mine
- Magareng Mine
- Thorncliffe Mine

# Third Line of Defense Assurance – Planned for 2024

## Metallurgical Plants

- Boshhoek Smelter
- Lion Smelter
- Lydenburg Smelter
- Rustenburg Smelter
- Wonderkop Smelter

## Climate Change Governance

- Boshhoek Smelter
- Lion Smelter
- Lydenburg Smelter
- Rustenburg Smelter
- Wonderkop Smelter
- Eastern Chrome Mines
- Western Chrome Mines

# Second Line of Defense Assurance – Planned for 2024

## GCP Data verification

- Boshhoek Smelter
- Western Chrome Mines
- Wonderkop Smelter

## Health Standard

- Boshhoek Smelter
- Eastern Chrome Mines (Helena, Magareng, Thornccliffe)
- Lydenburg Smelter
- Lion Smelter
- Rustenburg Smelter
- Wester Chrome Mines (Kroondal, Waterval, Rietvly, UG2)
- Wonderkop Smelter

Verification for all sites where 80% was not yet achieved against Fatal Hazard Protocols and Safety Standards.

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