Corunna Downs - Waste Rock Management Strategy

Deposit/Pit

Shark Gully, Razorback and Runway North

Waste Rock Unit/Type

Erosive material (i.e. Clay Rich BIF/Shale)

Not to be placed on sloped surfaces of waste rock dumps

All other waste units

No control/can be placed anywhere in waste rock dump

Management
Corunna Downs - Waste Rock Management Strategy

Deposit/ Pit

Split Rock

Waste Rock Unit/ Type

Shale
Clay Rich BIF
All other waste units (i.e., NAF/benign)

PAF (if present)

Comprises >10% of shale unit overall

Co-dispose with NAF shale

NAF

Comprises <10% of shale unit overall

Must be buried 10m below final surface of profiled landform

Not to be placed on sloped surfaces of waste rock dumps

Co-dispose with NAF shale

Encapsulate within Split Rock waste rock dump, including:
- Constructed on a basal layer of geochemically benign waste rock at least 5 m thick.
- Covered with:
  - ~0.5 m low permeability layer of traffic compacted waste rock.
  - 10 m of NAF material between the low permeability layer and final waste rock dump surface.
- Surface water management to minimise infiltration (e.g., mounding of final WRD surface to minimise ponding above PAF cell etc).

No control/ can be placed anywhere in waste rock dump
Corunna Downs - Waste Rock Management Strategy

Deposit/ Pit

Runway South

Shale

Not to be placed on sloped surfaces of waste rock dumps

Clay Rich BIF

No control/can be placed anywhere in waste rock dump

All other waste units

PAF (if present)

Comprises >10% of shale unit overall

Co-dispose with NAF shale

NAF – elevated metals (if present)

Comprises <10% of shale unit overall

Must be buried 10m below final surface of profiled landform

NAF – benign

Not to be placed on sloped surfaces of waste rock dumps

Waste Rock Unit/ Type

Management

Encapsulate within Split Rock waste rock dump, including:

- Constructed on a basal layer of geochemically benign waste rock at least 5 m thick.
- Covered with:
  - ~0.5 m low permeability layer of traffic compacted waste rock.
  - 10 m of NAF material between the low permeability layer and final waste rock dump surface.
- Surface water management to minimise infiltration (e.g. mounding of final WRD surface to minimise ponding above PAF cell etc).

* Runway South shale is likely to be similar in nature to Runway North shale in which case management of Runway South pit waste rock would follow the same management paths/strategy as Runway North as dictated in red (and illustrated on page 1).