

**Attachment 3 – Disturbance Activities Breakdown Table**

**Kat Gap (RAMA) Gold Mine - Disturbance Activity Details - for 2025 AER submission**

Date: 5 June 2025

Activity Type	Mine Activity Reference	Approved 2022 Area (ha)	Actual 2022 Cleared Area (ha)	Proposed 2025 Additional Area (ha)	Total Cleared + Proposed Area (ha)
Tenement:		M74/249			
Key Mine Activities					
Mining void (depth greater than 5m – below ground water)	Pit	7.15	8.00	5.05	13.05
Waste dump (class 1)	WRD	21.00	8.44	27.44	35.88
Run-of-mine pad	ROM	2.65	2.86	0.24	3.10
Other Mine Activities					
Topsoil stockpile	Topsoil stockpile areas	2.60	0.88	4.48	5.36
Building (other than workshop) or camp site	Camp site	2.60	0.90	1.66	2.56
Building (other than workshop) or camp site	Explosives magazine	0.30	0.00	1.09	1.09
Laydown or hardstand area	Admin, workshop, laydown, etc. area	8.30	0.05	2.94	2.99
Transport or service infrastructure corridor	Haul and access roads	8.45	3.26	5.70	8.96
Diversion channel or drain	Diversion drains	3.50	0.00	1.39	1.39
Other land that is cleared of vegetation	Pit surrounds and abandonment bund	6.65	0.54	2.90	3.43
Other cleared land that will be rehabilitated	Historic site layout plan (borrow pit and old laydown areas)	0.85	5.18	0.00	5.18
Total - Other Mine Activity Area (not including Key Mine Activities)		33.25	10.81	20.15	30.96
TOTAL TENEMENT ACTIVITY AREA		64.05	30.11	52.89	82.99
Tenement:		L74/59			
Key Mine Activities					
Dam – saline water	Turkeys Nest (within haul road corridor)	0.02	0.02		0.02
Other Mine Activities					
Transport or service infrastructure corridor	Haul and access roads	11.75	11.66	0.06	11.72
Borefield	Bore and pipeline	0.13	0.12		0.12
Total - Other Mine Activity Area (not including Key Mine Activities)		11.88	11.78	0.06	11.84
TOTAL TENEMENT ACTIVITY AREA		11.90	11.80	0.06	11.86
TOTAL MINE ACTIVITY AREA		75.95	41.91	52.95	94.85

## **Attachment 4 – Environmental Management Procedures**



## ENVIRONMENTAL PROCEDURE: CLEARING MANAGEMENT

June 2025

### 1 OBJECTIVE

To ensure that the relevant statutory and regulatory requirements associated with clearing of vegetation for project development are met and to minimise the impact of clearing on the environment.

Specific objectives are to:

- Minimise vegetation disturbance where possible;
- Prevent disturbance of vegetation adjacent to areas of activity;
- Prevent disturbance of vegetation in unapproved areas;
- Prevent the introduction and spread of weeds;
- Ensure clearing is completed in accordance with statutory requirements; and
- Ensure adequate harvesting and storage of topsoil materials for future rehabilitation.

### 2 SCOPE

This procedure applies to clearing earthworks undertaken for all project areas approved by the Department of Energy, Mines, Industry Regulation and Safety (DEMIRS), including:

- New mine projects under approved Clearing Permit (CPS) and Mining Development and Closure Proposal (MDCP);
- Expansion of existing mine projects under approved CPS and MDCP;
- Exploration activities associated with approved mine projects (e.g. grade control and sterilisation drilling);
- Exploration activities undertaken under approved Programme of Work (PoW); and
- Clearing associated with rehabilitation activities under Mine Closure Plan (MCP) or PoW.

### 3 STANDARDS

The following applicable legislation and standards shall be considered for all activities:

- *Environmental Protection Act 1986*;
- *Environmental Protection (Clearing of Native Vegetation) Regulations 2004*; and
- Mine Rehabilitation: Leading Practice Sustainable Development Program for the Mining Industry 2016.

## 4 APPROVAL DOCUMENTS

For mining activities:

- Clearing Permit (CPS)
- Mining Development and Closure Proposal (MDCP)
- Mine Closure Plan (MCP)

For exploration activities:

- Programme of Work (PoW)

## 5 PERFORMANCE INDICATORS

For mining activities:

- Clearing Permit (CPS) and Mining Development and Closure Proposal (MDCP) granted/approved by DEMIRS;
- Clearing earthworks undertaken in accordance with the Clearing Permit (CPS) approval limits and conditions;
- Minimise vegetation disturbance necessary for safe mining activities;
- Harvest adequate volumes of topsoil and other growth medium (e.g. hardpan) materials, and appropriately store within designated stockpile areas for future rehabilitation, in a location away from potential contamination; and
- Maintain records of clearing and rehabilitation activities on a monthly basis, included survey records logged into ArcGIS and the Disturbance Activity Table.

For exploration activities:

- Programme of Work (PoW) approved by DEMIRS;
- Clearing earthworks undertaken in accordance with the PoW approval limits and conditions;
- Minimise vegetation disturbance necessary for safe exploration activities; and
- Maintain records of clearing and rehabilitation activities on a monthly basis, included survey records logged into ArcGIS and the Disturbance Activity Table.

## 6 SITE MANAGEMENT ACTIVITY

### 6.1 Site Access

All personnel are required to complete the Site Environmental Induction prior to any site activities being undertaken. Minimising disturbance of vegetation is emphasised in this induction, including the requirement for all vehicles and machinery to use designated tracks and roads, park only in designated locations, and prevent the introduction and spread of weeds.

### 6.2 Site Approvals Required – Prior to Clearing

Clearing of native vegetation in Western Australia is regulated under the *Environmental Protection Act 1986* and *Environmental Protection (Clearing of Native Vegetation) Regulations 2004*. The Department of Water and Environmental Regulation (DWER) has delegated authority to the Department of Mines, Industry Regulation and Safety (DEMIRS) to approve clearing activities on mining tenements. All clearing on MEGA tenements must be approved by DEMIRS via Clearing Permit (CPS) and Mining Development and Closure Proposal (MDCP) applications for mining activities, and

Programme of Work (PoW) for exploration activities.

In addition, MEGA has an internal Clearing Activity Permit Form that must be completed and approved prior to any clearing earthworks commencing. This form ensures the appropriate approvals are in place prior to clearing being undertaken, and allows the internal Environmental Department to track clearing as required under the statutory obligations detailed above (e.g. CPS approval limits and conditions).

### **6.3 Clearing Requirements – Mining Activities**

All ground disturbance and clearing earthworks on MEGA tenements must be approved by DEMIRS via Clearing Permit (CPS) and Mining Development and Closure Proposal (MDCP) applications for mining activities.

The requirements and responsibilities for undertaking clearing earthworks are detailed in this Clearing Management Procedure, and the Weed and Topsoil management procedures. These procedures are in line with statutory requirements and must be followed to ensure MEGA remains in compliance with its environmental obligations.

Clearing should only be undertaken by suitably trained staff or approved contractors. The internal Mining Department must adequately supervise all contractors to ensure site procedures are adhered to.

All clearing earthworks will be supervised by the Mine/Project Manager or an authorised delegate (e.g. Site Supervisor), and will take place during day shift only. The Operator(s) of the clearing earthworks machinery will have a functional communication link with the Mine/Project Manager or authorised delegate at all times.

Active earthworks will be subject to inspections by the Environmental Department to ensure clearing is conducted in compliance with MEGA environmental obligations and procedures.

### **6.4 Clearing Requirements – Exploration Activities**

All ground disturbance and clearing earthworks on MEGA tenements must be approved by DEMIRS via Programme of Work (PoW) for exploration activities.

Clearing should only be undertaken by suitably trained staff or approved contractors. The internal Geology Department (Exploration Manager) must adequately supervise all contractors to ensure site policies and procedures are adhered to.

Clearing should be conducted in accordance with the approved MDCP and/or PoW.

### **6.5 Clearing Process Instructions**

- Clearing activities will be undertaken as follows:
- Complete internal **Clearing Activity Permit Form** prior to any clearing earthworks commencing.
- All earthworks machinery will be inspected and cleaned prior to being permitted on site to prevent the introduction and spread of weeds (refer to Weed Management Procedure).
- Areas to be cleared will be delineated on Clearing Permit (CPS) Plan and pegged on the ground by the Surveyor. Pegged areas will be inspected and approved by the Mine/Project Manager or an authorised delegate (e.g. Site Supervisor) before clearing commences to ensure they comply with the Clearing Permit (CPS) Plan.

- The perimeter of the approved clearing area will be cleared first. Following this, the Mine/Project Manager or authorised delegate will conduct an inspection of the perimeter. If the perimeter has been cleared according to boundary pegging and relevant maps, approval will be given to commence clearing inwards. If perimeter clearing has not been undertaken correctly, all clearing activity will cease immediately and remedial actions will be undertaken before clearing may recommence.
- Clearing of an area will be undertaken in a single direction (i.e. east to west, or north to south). Systematic clearing from one direction should allow the natural movement of fauna away from the working machinery.
- Dust suppression via water spraying will be used to control dust emissions during clearing.
- Trees will be felled in such a manner that they fall within the approved clearing area.
- Vegetation will be salvaged and retained where possible for rehabilitation purposes.
- Topsoil material will be harvested and stored within designated stockpile areas for rehabilitation purposes (refer to Topsoil Management Procedure).

## **6.6 Record Keeping and Reporting**

The Environmental Department will maintain an Environmental Obligations Register of all regulatory approvals, commitments, conditions, and monitoring and reporting requirements. This will include approved DEMIRS Clearing Permit and MDCP obligations, and internal Clearing Activity Permit records (supported by survey and GIS spatial data).

All clearing will be reported in the internal monthly report. The Surveyor within the Mining Department will be responsible for picking up cleared areas on a monthly basis, which will then be sent to the Environmental Department at the end of the month to input into ArcGIS and the Disturbance Activity Table.

Clearing data will be included in the Annual Environmental Report (AER) submitted to DEMIRS each year, as required under Clearing Permit and Mining Lease tenement conditions.

## **6.7 Unauthorised Clearing Breach**

In the event of any unauthorised clearing or clearing conducted inappropriately resulting in a breach of MEGA environmental obligations and procedures, an Incident Report shall be completed.

Should clearing be outside an approved area or amount, then DEMIRS will be notified at the discretion of the Mining Department (Mine/Project Manager). Advice on remediation procedures will be obtained from the relevant authorities if required. At the discretion of the regulatory authorities, unauthorised clearing may result in fines or other penalties.

# CLEARING ACTIVITY PERMIT

No.:\_\_

*MEGA Resources internal site form associated with the Clearing Management Procedure*

Site Details – Applicant to complete		
Project:		Applicable Tenements:
Location of area to be cleared:		
Department responsible for clearing:		
Name (person requesting the permit):		
Date of this application:		
Proposed date of clearing:		Area to be cleared (ha):
Reason for clearing:		
Method of clearing:		
Has the Clearing Management Procedure been read?		Y/N
Have the Weed and Topsoil management procedures been read?		Y/N
Proposed Clearing Plan/Map attached?		Y/N
Regulatory Approval Checks – Environmental Department (HSEC Officer) only		
Clearing Permit (CPS) No.:		Area Authorised (ha):
Mining Proposal (Title and Registration ID):		
<b>Please tick:</b>	<b>Yes</b>	<b>No</b>
Area to be cleared within Clearing Permit (CPS) approved limit?		
Area to be cleared within hatched area on Clearing Permit (CPS) Plan?		
Area to be cleared is within applicable tenements?		
DEMIRS approvals received?		
Notifications to relevant stakeholders complete?		
All other regulatory approvals received?		
Does the 10 hectare (ha) exemption apply?		
If yes, provide details:		
Weed certificate completed for earth-moving machinery undertaking clearing?		
Vegetation to be removed and stockpiled for future rehabilitation purposes?		
Topsoil to be removed and stockpiled for future rehabilitation purposes?		
Is vegetation present which must be avoided?		
If yes, provide details:		
Is cleared area greater than 50m from riparian vegetation or any watercourse?		
Are Aboriginal archaeological sites present within the area to be cleared?		
If yes, provide details:		
Any other special management conditions?		
If yes, provide details:		



Survey Control – Surveyor and Applicant to complete		
Pegs required for cleared area? Y/N	Tape Colour:	Distance apart (m):
Lease boundary pegs required? Y/N	Tape Colour:	Distance apart (m):
Has adequate survey control been implemented? Y/N		
Special notes:		
Name:	Signature:	Date:
Position:		
<b>Note:</b> <i>If the Surveyor is not available, then the Mine Manager can sign-off on Survey Control</i>		
Operator Checks (to be completed by the personnel undertaking the clearing earthworks)		
<b>Please tick:</b>	<b>Yes</b>	<b>No</b>
Has the Operator cited the Clearing Permit (CPS)?		
Has the Operator been issued with the Clearing Management Procedure?		
Has the Operator been issued with Weed and Topsoil management procedures?		
Does the Operator understand the requirements of the Clearing Management Procedure and Clearing Permit (CPS)?		
Operator Name(s):	Signature(s):	Date:
Shift Boss Name(s):	Signature(s):	Date:
Approval to Proceed		
<b>Note:</b> <i>Only with these below signatures is authorisation to proceed granted</i>		
Environmental Department (HSEC Officer):		
Name:	Signature:	Date:
Mining Department (Project/Mine Manager):		
Name:	Signature:	Date:

Post-Clearing Summary – Environmental Department (HSEC Officer) only		
Date clearing undertaken:	Actual area cleared (ha):	
<b>Please tick:</b>	<b>Yes</b>	<b>No</b>
Clearing conducted in accordance with above plans?		
Vegetation removed and stockpiled for future rehabilitation purposes?		
Topsoil removed and stockpiled for future rehabilitation purposes?		
Clearing location boundaries picked up by survey?		
Clearing location, area (ha) and topsoil volume data recorded for monthly (internal) reporting, and logged into ArcGIS and the Disturbance Activity Table for annual (DEMIRS AER) reporting?		
Provide further details as required:		



## ENVIRONMENTAL PROCEDURE: WEED MANAGEMENT

June 2025

### 1 OBJECTIVE

To minimise the risk of the introduction and spread of weeds.

### 2 STANDARDS

- *Environmental Protection Act 1986 (WA);*
- *Wildlife Conservation Act 1950 (WA);*
- *Biosecurity and Agriculture Management Act 2007 (WA); and*
- *Environment Protection and Biodiversity Conservation Act 1999 (Commonwealth).*

### 3 PERFORMANCE INDICATORS

- No new weed species are introduced into the project site.
- Existing weed species are kept under control and any new outbreaks are managed promptly.
- Topsoil material (harvested during clearing earthworks) stored in designated stockpile areas.

### 4 SITE MANAGEMENT ACTIVITY

#### 4.1 Site Access

All personnel are required to complete the Site Environmental Induction prior to any site activities being undertaken. Minimising disturbance of vegetation is emphasised in this induction, including the requirement for all vehicles and machinery to use designated tracks and roads, park only in designated locations, and prevent the introduction and spread of weeds.

#### 4.2 Weed Hygiene Practices

The following steps will be undertaken to minimise the risk of the introduction and spread of weeds:

- Clean earth-moving machinery of soil and vegetation prior to entering and leaving the site;
- Ensure that no weed-affected soil, mulch, fill or other material is brought into the site; and
- Restrict the movement of machines and other vehicles to the disturbance footprint limits of the site.

Implementing the above weed hygiene practices are essential to minimising the risk of new weed species being introduced into the project site.

A **Weed Inspection Certificate** must be completed (by the sender of the mobile plant equipment) for all earth-moving machinery undertaking clearing activities.

**WEED INSPECTION CERTIFICATE**

*MEGA internal site form associated with the Weed Management Procedure*

**\*TO BE COMPLETED FOR ALL EARTH-MOVING MACHINERY UNDERTAKING CLEARING ACTIVITIES\***

Equipment No.	Equipment Description	Current Location	Date Cleaned

I declare the equipment listed above has been thoroughly inspected and is free of all soil, seed and plant matter.

APPROVAL sign-off			
<b>Name:</b>		<b>Position:</b>	
<b>Signature:</b>		<b>Date:</b>	

**Please provide a copy of this form to the HSEC Department**



## ENVIRONMENTAL PROCEDURE: TOPSOIL MANAGEMENT

June 2025

### 1 OBJECTIVE

To ensure that topsoil material is removed and stored correctly to maintain the seed viability and biotic activity of this growth medium resource for later use in rehabilitation.

### 2 PERFORMANCE INDICATORS

- Characterisation (analysis) of topsoil material prior to clearing earthworks.
- Topsoil material stored in designated stockpile areas, with locations shown on site layout plans.
- Topsoil stockpiles less than 2m vertical height.
- Topsoil volumes recorded in materials balance database for each designated stockpile area.
- Topsoil stockpiles show the maintenance of seed viability and biotic activity.
- Topsoil stockpiles show no signs of erosion, weed or contamination issues.

### 3 SITE MANAGEMENT ACTIVITY

#### 3.1 Prior to Clearing Earthworks

Prior to clearing, characterisation (analysis) of surficial soils will be conducted to determine the suitability of topsoil material for rehabilitation, and estimate the volumes to be harvested and stored within the designated stockpile areas. The locations of the topsoil stockpile areas are shown on site layout plans, positioned adjacent to the main disturbance footprint areas, with their allocated area (ha) sizes based on a proposed stripping depth of 20cm from all the disturbance footprints.

The Clearing and Weed management procedures must be implemented prior to the commencement of clearing earthworks, in addition to all drill bags and other rubbish being removed and appropriately disposed.

#### 3.2 During Clearing Earthworks

During clearing earthworks, topsoil material will be harvested from all the disturbance footprints and stored in designated stockpile areas for later use during rehabilitation.

Topsoil material will be stripped to a depth of approximately 20cm from all the disturbance footprints.

The site layout plan and materials balance estimate spreadsheet should be referred to for identifying the designated stockpile area within which the harvested topsoil material from each disturbance footprint shall be stored.

### **3.3 Topsoil Storage**

Topsoil material shall be stored in stockpiles of no more than 2m vertical height to reduce the loss of seed viability and biotic activity. Stockpiles will be located away from active mining areas, and other areas that have the potential to cause contamination or degradation of this resource.

Topsoil adjacent to haul roads will be stored in windrows and will be protected by bunds or windrows where required. Stockpiled topsoil will be placed to not impede surface drainage or result in sedimentation of the downstream environment.

Sediment loss from topsoil stockpiles through surface water erosion can constitute a significant loss of this growth medium resource for rehabilitation. To reduce the potential for surface water erosion to occur, topsoil stockpiles need to be placed outside known drainage and flood areas.

### **3.4 Rehabilitation Earthworks**

Topsoil material will be utilised during rehabilitation as a growth medium for the external faces of waste rock landforms (WRL's) or respread onto other areas as required. Priority will be given for available topsoil to be applied to waste rock landforms, as recolonization of vegetation is more likely to occur by natural methods on flat terrain. Topsoil material will be respread onto the areas from which it was removed or as designated in the materials balance spreadsheet.

Refer to the Mine Closure Plan (MCP) for details on rehabilitation requirements, with particular reference to the design and closure completion criteria requirements for waste rock landforms.

### **3.5 Record Keeping and Reporting**

The topsoil volumes harvested and stored within each designated stockpile area will be recorded in the materials balance spreadsheet. The information recorded will include the date of storage (i.e. capture stockpile ages if vary within designated stockpile area), total volumes harvested and stored within each designated stockpile area, and the remaining topsoil volumes within each designated stockpile area due to progressive rehabilitation earthworks reclaiming topsoil material during the life of mine.

As per the Clearing Management Procedure, all clearing and topsoil data will be reported in the internal monthly report, with the actual topsoil stockpiles identified on site plans and surveyed if required to support the materials balance spreadsheet.

Rehabilitation data (including topsoil volumes) will be included in the Mine Closure Plan (MCP) and the Annual Environmental Report (AER) submitted to DEMIRS each year.