

Focus Exploration Pty Ltd Mining Management Plan Exploration Activities

Northern Territory of Australia – *Mining Management Act*

Section 1 – Project Details

Project Name	Berinka Pine Creek Project
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Authorisation Number	1030-01
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Operator Name	Focus Exploration Pty Ltd
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Location and Access Details	EL31710 is located approximately 110km (as the crow flies) SW of Adelaide River and approximately 42km SW of the small community of Maranunga. Access to the area is off the Stuart Highway at Adelaide River and via sealed roads; Dorat Rd, Daly River Road and Port Keats Road. From Port Keats Road its approximately 7km south via station access tracks.
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Target Commodity Details	Primarily Gold but also Copper, Silver, Nickel, Cobalt, PGEs
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Mining Activities	<p>Focus plans to drill 14 reverse circulation holes to approximately 150m maximum depth in 5 separate areas. 1.18km of new access tracks and drill pads will be required.</p> <p>Sumps (approximate volume 15m³) will be required near the drill holes to contain any water and drill cuttings generated during drilling.</p> <p>This proposed work <u>is in addition</u> to that for which authorisation has previously been provided.</p> <p>A spreadsheet with the new proposed drill-hole data is in Attachment 3. Digital files of the proposed tracks are located in Attachment 4.</p>
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Proposed Schedule	May 2021 to November 2021
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Mining Interest and Land Ownership

Title Number	Title Holder	Expiry Date	Property Name or Land Holder
EL31710	Focus Exploration Pty Ltd	21/03/2025	NT Portion 1666 – PPL – Elizabeth Downs Station
			NT Portion 2700 – Crown Lease Perpetual

Organisational Structure

Position Title	Name
Director	Graham Durtanovich
Director	James Allchurch
Exploration Manager	James Allchurch
Senior Geologist	Harry Mees
Environmental Manager	TBA

Section 2 – Operator Self-Assessment of the Environmental Risk

Environmental considerations

ASSESSMENT ASPECT	YES or NO	ACTIONS REQUIRED (if answered YES)	APPENDED INFORMATION (Evidence of consultation with DENR and/or management plan)
<p>Step 1: Are there any threatened flora and fauna species or habitats of significance that may occur in the proposed work area?</p>	Yes	<p>It is likely a threatened species will show up in most reports. Therefore, the Operator must undertake a likelihood analysis, which looks at the likelihood of the species or its habitat occurring at or near the site. If the analysis results in a high likelihood, then a “Significant Impact Assessment” should be undertaken, which may require consultation with the DENR – Flora and Fauna Division. The DENR may recommend a Biodiversity Management Plan – this must be developed and attached to the MMP.</p>	<p>Likelihood Assessment provided in Appendix 1</p> <p>See NR Maps in Appendix 3.</p>
<p>Step 2: Are there any known declared weeds within the proposed work area?</p>	No	<p>Under the <i>Weeds Management Act</i> declared weeds are required to be eliminated or controlled by the owner and occupier of land. Seek advice from DENR – Weeds Management to ensure management measures are appropriate for the level of activity proposed and attach a Weed Management Plan (if required).</p>	<p>See NR Maps in Appendix 3. No weed occurrences are recorded from the EL area.</p>
<p>Step 3: Will you be using water from bores or other sources for the operation?</p>	Yes	<p>Water for domestic and dust suppression purposes may be drawn from the collar of RC exploration hole FBRC003, drilled by Focus in 2020. FBRC003 is a normal exploration hole and has not and will not be developed as a water-bore. Standing dry season water level in FBRC003 is approximately 2m below surface; water is fresh and clear of sediment. Drilling of FBRC003 was abandoned due to excessive water flow encountered.</p>	<p>Records of approximate water use- if any- will be kept. A maximum total requirement of 30,000l is anticipated for the duration of the program. This is considered to have negligible effects on the environment, and is well below the level that requires a water extraction licence in the Daly-Roper-Beetaloo water district.</p>

Environmental assessment and cultural considerations

ASSESSMENT ASPECT	YES or NO	MANAGEMENT REQUIREMENTS	Appended Information
<p>Step 4: Is your project likely to have a significant impact on the environment?</p>	No	Refer to the NTEPA Environmental Factors and Objectives Guideline.	See Appendix 2. EPA Assessment. See Appendix 5- Biodiversity Assessment Report.
<p>Step 5: Are there Aboriginal sacred sites in the Project area?</p>	No	Sacred Sites are protected under the NT <i>Aboriginal Sacred Sites Act</i> and administered by the Aboriginal Areas Protection Authority (AAPA). It is recommended that advice be sought from AAPA in relation to sacred site protection.	There are 3 recorded sites within EL31710. These sites are not near proposed drilling or tracks. The nearest site is 8km from the proposed works. See Maps (Attachment 5 and Appendix 6, AAPA search report).
<p>Step 6: Are there archaeological and heritage sites in the Project area?</p>	No	Heritage and archaeology sites are protected in the NT. NT Heritage Branch of the Department of Natural Resources and Environment (DENR) administers the <i>Heritage Act</i> . Seek advice in relation to protection of heritage and archaeological sites.	A search was conducted on 30 May 2019 by the Heritage Branch of the Department of Tourism, Sport and Culture. It was found that there are several sites near EL31710, so it is likely that there are archaeological sites within the licence, particularly near rocky outcrops, escarpments and watercourses. Due to the size of the exploration area, The Heritage Branch recommend that archaeological surveys be conducted on any areas that will be subjected to disturbance through exploration activities. Focus have decided not to proceed with this at this time. All areas will be inspected before clearing. If any artefacts or archaeological sites are found, the area will not be cleared and the Heritage Branch at Department of Tourism, Sport and Culture will be notified. See Appendix 7

Section 3 – Amendments

Section	Amendment
Section 1 – Mining Activities	New proposed activities for the 2021 dry season
Security	Security spreadsheet provided for new proposed works
Section 2 Operator self-assessment of environmental risk	Proposal to draw up to 30,000l water from the collar of drillhole FBRC003
Section 4 Activities Proposed	Details of new proposed activities
Section 5 Previous Disturbance	Updated with details of 2020 works carried out under authorization 1030-01.

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Section	Amendment
Attachments & appendices	Attachments and appendices renamed and reorganized, references updated accordingly throughout the text. Appendix 2 EPA Assessment; more action items provided, explained.
Section 6.7	Sumps will <u>not</u> be lined for RC drilling.
Attachment 5	Updated map showing location of existing and new proposed works.
Attachment 4	Updated digital files for new proposed works.
Attachment 6	Remediation register. Register of disturbed sites provided.

Section 4 – Activities Proposed

Mining Interests	EL31710
Number and type of proposed drill holes	14 reverse circulation (RC) holes
Maximum depth of proposed holes (m)	150 m
Number and size of drill pads to be cleared (Length: 20m x Width:10m)	14 pads (20m X 10m)
Total area of drill pads to be cleared (ha)	0.28Ha
Is drilling likely to encounter groundwater? (Y, N, unsure)	Y
Number of costeans (Length: m x Width: m)	N/A
Number of bulk sample pits	N/A
Total bulk sample (tonnes) (Length: m x Width: m x Depth: m)	N/A
Bulk sample pits approved under <i>Mineral Titles Act</i> ? (Y or N)	N/A
Length of line/track clearing (km: x Width: 4 m)	<p>Existing tracks are shown on maps. New proposed tracks shown on map- Attachment 5.</p> <p>New proposed tracks, 1.18km x 0.004km= 0.00472km2=</p> <p>Total= 0.472 Ha</p>

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Mining Interests	EL31710
Camp area to be cleared (ha)	No clearing is required; The same camp area (approx. 0.20ha) as used in 2020 will be utilised; this area <u>required no clearing</u> in 2020, and has been left fully rehabilitated by the removal of all equipment.
Camp Infrastructure (i.e. demountable, tents)	No fixed infrastructure will be used. No clearing will be required. Camp will most likely consist of: 1 Ablution/kitchen Van 1 Dormitory Van 1 Genset & potable water tank, trailer mounted. 2-4 Small tents Portaloo Laydown for drilling equipment, possibly a trailer mounted sea-container.
Previous disturbance yet to be remediated on title (ha) if known	7 drill holes, 9 sumps and 10 drill pads, 1.76km of access track.
Other	N/A
Total area disturbed proposed (ha)	0.472 Ha + 0.28 Ha = 0.752 Ha

Section 5 – Previous Disturbance (for existing Authorisations only)

Mining Interests (i.e. titles)	EL31710	EL	EL	EL
Number/type of holes drilled	7 RC holes			
Maximum depth of holes drilled (m)	162m			
Number of holes remediated (i.e. plugged/capped)	7 plugged temporarily			
Number and size of drill pads cleared (Length: m x Width: m)	10 pads 10x10m			
Total area of drill pads cleared (ha)	0.10ha			
Total area of drill pads remediated (ha)	-			
Was groundwater encountered? (Y or N)	Y			
Length of line/track cleared (Length: km x Width: m)	1.76km x 3m (0.528ha)			

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Mining Interests (i.e. titles)	EL31710	EL	EL	EL
Length of line/track remediated (Length: km x Width: m)	0			
Number of costeans excavated (L: m x W: m x D: m)	0			
Number of costeans remediated	0			
Total bulk sample pits excavated (Length: x Width: x Depth: m)	0			
Total bulk sample pits remediated	0			
Camp area/s cleared (ha)	0			
Camp area/s remediated (ha)	NA			
Total area disturbed (ha)	0.628			
Total area remediated (ha)	0			

Section 6 – Environmental Management

By checking these boxes, you are agreeing to implement the following minimum environmental management standards on the project area. Where boxes have been left unchecked, justification is required.

6.1	<input checked="" type="checkbox"/>	Blade-up approach for clearing will be used (i.e. no windrows, leave root stock and topsoil)
6.2	<input checked="" type="checkbox"/>	Significant vegetation will be avoided during clearing (i.e. large trees, specimens providing habitat or food sources, riparian vegetation, and threatened species)
6.3	<input checked="" type="checkbox"/>	Vegetation clearing during, and immediately after rainfall events, will be avoided
6.4	<input checked="" type="checkbox"/>	Vegetation clearing will be kept to the minimum required to safely traverse vehicles and drill rigs along tracks and drill pads
6.5	<input checked="" type="checkbox"/>	Where blade-up techniques cannot be employed, topsoil and vegetation will be stockpiled appropriately for remediation purposes
6.6	<input checked="" type="checkbox"/>	All employees and contractors will be trained and inducted in relation to the management of environmental risks in the work area, including weeds, waterways, threatened species, soil erosion, sacred sites and heritage areas
6.7	<input type="checkbox"/>	Sumps will be lined or tanks of appropriate size to contain water, sediment and drilling fluids encountered during drilling, will be used

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6.8	✓	Sumps, drill holes, and fuel stores will be located away from environmentally significant areas and water courses
6.9	✓	Excavations (sumps, costeans and pits) will be appropriately ramped to allow fauna egress
6.10	✓	Drill holes will be securely capped immediately after drilling
6.11	✓	Vehicle hygiene measures will be employed to prevent the introduction and spread of invasive species and pathogens when mobilising vehicles and equipment from one location to another
6.12	✓	Hydrocarbon spills will be minimised using liners and drip trays under machinery, and appropriately sized spill-kits available in the event of a spill
6.13	✓	Hazardous substances (including hydrocarbons) will be stored and handled in accordance with relevant Australian Standards
6.14	✓	Hydrocarbons will be stored in lined and bunded areas
6.15	✓	Waste will be stored securely while on-site to minimise windblown rubbish and access by feral animals
6.16	✓	Waste will be removed off-site and disposed of at an appropriate waste management facility
6.17	✓	All environmental incidents will be reported to the Department in accordance with Section 29 of the <i>Mining Management Act</i> .

Justification and alternative management measures:

6.7 Sumps used for RC drilling will not be lined, to facilitate draining of water. The purpose of the sump is primarily to capture and contain drill cuttings, not to store water. Only biodegradable drilling additives will be used. The groundwater in the works area is not saline. Most ground water encountered to date has been in the surface 20m (unconfined aquifer in recent cover and oxidised bedrock), which suggests there is no significant difference in water chemistry between the groundwater encountered in drilling and water in the root zone of vegetation.

Section 7 – Remediation and Closure

By checking these boxes, you are agreeing to implement the following minimum remediation standards on the project area. Where boxes have been left unchecked, justification is required.

7.1	✓	Drill holes plugged below ground level at a minimum depth of 0.4 metres and soil mounded to prevent subsidence, within 6 months of completion of drilling
7.2	✓	Drill samples/spoil returned down drill holes, buried in sumps, or removed from site
7.3	✓	All drill hole and access markers including flagging tape, wooden markers and star pickets will be removed from site
7.4	✓	Re-contouring of cut and fill drill pads will be consistent with the surrounding terrain
7.5	✓	Ripping/scarifying of drill pads, and compacted areas along the contour (on sloping ground) and cross-ripping (zig-zag) along tracks
7.6	✓	Tracks will be remediated, including pushing in all windrows

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7.7	✓	Appropriate erosion and sediment controls will be installed where erosion is evident or likely to occur
7.8	✓	All tracks will be remediated unless otherwise agreed in writing by the land holder or appropriate third party
7.9	✓	Access through watercourses will be removed and banks restored
7.10	✓	No erosion is occurring in disturbed areas, on tracks and in remediated areas
7.11		All excavations backfilled within 6 months of completion of drilling
7.12	✓	All water bores decommissioned unless otherwise agreed in writing by the land holder or appropriate third party. The bore must comply with the Minimum Construction Requirements for Water Bores in Australia and may require permits or licenses under the <i>Water Act</i>
7.13	✓	All rubbish and infrastructure will be removed from site
7.14	✓	Replacement of topsoil and vegetation
7.15	✓	Contaminated soils (e.g. hydrocarbon or hazardous chemicals) will be remediated or removed from site
7.16	✓	Monitoring will be undertaken following the wet season or a significant rainfall event

Justification and alternative management measures:

<p>7.11 As far as practicable. Due to unexpected early onset of heavy rains in early October 2020, it was not possible to backfill sumps from the 2020 drilling campaign within the proposed 6 month timeframe. Focus determined that the environmental damage associated with carrying out works during wet conditions (per section 6.3 above) was not justified in order to comply with this commitment. Focus commits to backfilling all excavations as soon as practicable.</p>		
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Section 8 – Required Attachments




8.1	✓	Security Calculation Spreadsheet
8.2		Nomination of Operator Form not required. Focus Exploration Pty Ltd is tenement holder and operator
8.3	✓	Spreadsheet with coordinates of proposed drill holes or polygons of target areas
8.4	✓	Google Earth KML/shape files/track logs of proposed tracks and camp sites
8.5	✓	A map of the work area(s) showing: <ol style="list-style-type: none"> 1. title boundaries and title numbers 2. current and proposed drill holes, or polygons of target areas 3. current and proposed tracks

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		<ul style="list-style-type: none"> 4. remediated areas 5. camp sites 6. sacred/heritage sites 7. environmental constraints
8.6	✓	Remediation Register (for existing Authorisations)
8.7	N/A	Photographs of remediation work
8.8	N/A	Radiation Management Plan (if applicable)

Section 9 – Declaration

The Mining Management Plan must be endorsed by a senior representative of the company who has the appropriate level of authority to do so.

	Author	Reviewed by	Approved by
Date	2/12/2020	1/2/2021	1/2/2021
Name	Harold Mees	James Allchurch	James Allchurch
Signature			

I James Allchurch, Director of Focus Exploration Pty Ltd declare that I have the authority to make the commitments contained in this mining management plan on behalf of the company. To the best of my knowledge the information contained in this plan is true and correct and commit to undertake the works in accordance with the agreed minimum standards and all relevant Northern Territory and Commonwealth Government legislation.



SIGNATURE:

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DATE: ...1/2/2021