

Mining Management Plan Exploration Activities

Northern Territory of Australia – Mining Management Act

It is recommended that the Mining Management Plan is completed in conjunction with the user guide, available on the [Northern Territory Government website](#).

Section 1 – Project Details

Project Name Provide new or existing project name	Winchelsea Island Project
Authorisation Number Insert existing authorisation number, where applicable	1017-01
Operator Name Use ASIC-ABR registered name (if a company), or name of the applicant	Winchelsea Mining Pty Ltd (Winchelsea)
Location and Access Details Include brief description of the location, access details, and distance to nearest town or community	<p>The project area is located on the remote Winchelsea Island off the north eastern coast of the Northern Territory. Access to the site is from helicopter or boat. Winchelsea will be accessing the Island via boat from Groote Eylandt.</p> <p>Winchelsea Island is located approximately 250km north of Borroloola.</p>
Target Commodity Details Include target commodities (i.e. gold, copper etc)	Manganese
Mining Activities Summarise the mining activities (exploration) to be the subject of the proposed Authorisation or Variation	<p>Winchelsea proposes to conduct 520 RC drill holes on Winchelsea Island. Access to Winchelsea Island will be via barge from Groote Eylandt. Minor tracks will be established, however as advised by the DENR's Flora and Fauna Division, large hollow-bearing trees will be avoided.</p> <p>The drill program is expected to commence asap and should run for approximately 9-12 months, weather permitting.</p> <p>Winchelsea proposes to conduct a further 81 pits. Winchelsea proposes to conduct a further 532 Aircore drillholes under a phase 4 program.</p> <p>Winchelsea proposes to conduct another 468 Aircore drillholes and 38 test pits under a phase 5 program. An additional 32.95km of tracks will also be required.</p>

Proposed Schedule Include start and finish dates of ground disturbing work	June 2020 to December 2020, weather permitting.
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Mining Interest and Land Ownership

List the mining interests (titles), the title holder name/s, the title expiry date and the Property name/Land holder (e.g. pastoralist or Aboriginal land trust) for each title.

Title Number	Title Holder	Expiry Date	Property Name or Land Holder
EL27521	Winchelsea Mining Pty Ltd (100%)	20/12/2024	NT Portion 6823- Anindilyakwa Land Trust

Organisational Structure

Position Title	Name
Co- Chief Executive Officer	Mark Hewitt
Co- Chief Executive Officer	Dongfang Yu
Exploration Manager	Jeff Beatty
Environmental Manager	Jeff Beatty

Section 2 – Operator Self-Assessment of the Environmental Risk

The purpose of this self-assessment is to ensure Operators complete a project risk assessment of potential environmental impacts and are aware of other legislative obligations from various Agencies. As a result of this self-assessment, further information may be required in the form of a management plan to enable full assessment of the MMP. If you have any queries please contact a Mining Officer prior to submitting the MMP. Useful resources to assist with this self-assessment are provided in the User Guide.

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>	<p>Fauna - Yes Fauna - No</p>	<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>Please see” Appendix 11- Flora & Fauna Survey Appendix 14- DENR Comments Appendix 22- Likelihood Assessment</p>
<p>Step 2: Are there any known declared weeds within the proposed work area?</p>	<p>Yes</p>	<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>Please see: Appendix 11- Flora & Fauna Survey Appendix 4- Infonet Report. Appendix 22- Likelihood Assessment Appendix 23- SOP Noxious Weeds, Plant Disease & Pest Management</p>

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ASSESSMENT ASPECT	YES or NO	ACTIONS REQUIRED (if answered YES)	APPENDED INFORMATION (Evidence of consultation with DENR and/or management plan)
Step 3: Will you be using water from bores or other sources for the operation?	No	<i>Note the Government is proposing to amend the exemption of water licencing under the Water Act for mining activities, including exploration. This section will be updated in light of any changes in the future.</i>	There are no known bores within the licence area.

Environmental assessment and cultural considerations

ASSESSMENT ASPECT	YES or NO	MANAGEMENT REQUIREMENTS	APPENDED INFORMATION
Step 4: Is your project likely to have a significant impact on the environment?	No	Refer to the NTEPA Environmental Factors and Objectives Guideline.	EPA assessment at Appendix 21.
Step 5: Are there Aboriginal sacred sites in the Project area?	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.	The operator has received abstracts from the AAPA register of sacred sites, which advise that there are nil restricted works areas or registered sacred sites within the project areas. The AAPA report is attached at Appendix 1.

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ASSESSMENT ASPECT	YES or NO	MANAGEMENT REQUIREMENTS	APPENDED INFORMATION
<p>Step 6: Are there archaeological and heritage sites in the Project area?</p>	<p>No</p>	<p>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.</p>	<p>There are no declared heritage places or any previously recorded Aboriginal archaeological sites within the project area. Heritage, archaeological and historical search results are found within Appendices 2 and 3.</p> <p>A cultural heritage report of Akwamburrkba was prepared for the Anindilyakwa Land Council by SHIM Consulting. 10 sites were identified as having the potential to be directly affected by any exploration or mining. A copy of the report is within Appendix 12.</p> <p>At all times, Winchelsea will be working closely with ALC anthropologists, environment and ranger staff.</p>

Section 3 – Amendments

The below addresses the additional information requested by DPIR.

Section	Amendment
1.0 Project Details	Proposed new Aircore drill holes added, with new pit and tracks details.
Section 3- Amendments	Bore use clarified and addition of caravans added, as requested.
4. Activities Proposed	<p>Proposed Activities updated.</p> <p>Areas and calculations checked and amended in section 4 and the security calculation.</p> <p>The 2 new AMSA surveyed workboats will operate between Winchelsea Island and Groote Eylandt. An established camp has been set up on Groote Eylandt on s19 land. "Pole12" will be used for accommodation for contractors. A logistics supply base will be set up on Winchelsea Island.</p> <p>Winchelsea's owned and AMSA registered Chelsea 1 & 2 vessels are being used for daily transport of staff to Winchelsea Island.</p> <p>For the logistics supply of small machinery, fuel, water and other miscellaneous equipment Winchelsea is contracting with Sea Swift to use a small barge, the Temple Bay (specifications attached) to provide an estimated twice weekly service to the Pioneer Ramp on Winchelsea.</p> <p>For heavy equipment (drill rig, dozer, excavator, tipper truck and booster compressor) we will be utilizing the regular Sea Swift barge vessels. Photos of the boats are located in Appendix 17.</p> <p>Maximum depth of holes will be 50m.</p> <p>A pit will be constructed to extract gravel. The gravel will be used to cover the ramp in 200mm of gravel, as a wearing course to unload equipment. The pit will be 100m X 100m and up to 1m deep.</p> <p>Spatial data and maps for the landing site, access ramp, proposed tracks and logistic supply base are provided in Appendices 7 and 8.</p> <p>2 Caravans- Caravans are located within the logistic supply base.</p>

Section	Amendment
4. Activities Proposed	<p>Flora Threatened Flora species were not identified in the Infonet Report generated for this MMP. An onsite survey was conducted by Ecological Management Services and endangered and vulnerable plant species were not detected within the study area.</p> <p>Fauna Winchelsea will adhere to advice from DENR by ensuring the impacts from clearing remain low and will avoid clearing trees >50 cm DBH.</p> <p>A Standard Operating Procedure for Noxious Weeds, Plant Diseases and Pest Management is located at Appendix 23. This contains a detailed and structured plan on how the risks from invasive species will be managed.</p> <p>Channel Sampling and costeaning work clarified. There is a potential for poor sample recovery of RC drilling at shallow depths. Channel sampling of costeans will allow for assays to be collected to compare to the drilling results.</p> <p>Topsoil and subsoil will be stockpiled separately on either side of the costean. Once assay results are obtained and Winchelsea no longer require follow up samples and assays, then the extracted stockpiled material will be replaced back into the pits, in the correct sequence that the material was extracted.</p> <p>A ramp into the pit will be constructed, just in case small animals enter the pits, so they can escape.</p> <p>Winchelsea will follow the Department's guidelines on "Construction and Rehabilitation of Costeans and Bulk Sample Pits".</p> <p>Proposed additional pits works inserted. Proposed bulk sampling updated.</p>

Section	Amendment
Section 5 Previous Disturbance	Section updated with works that have already been conducted in 2019 and 2020.

Section	Amendment
<p>5.4 Identification of Environmental Aspects and Impacts (Table)</p>	<p>With regards to handling hydrocarbons and hazardous materials, Winchelsea will comply with the Australian Standard AS 1940 The Storage and Handling of Flammable and Combustible Liquids.</p> <p>The barge landing site is within EL27521. Constructing the barge landing and transporting equipment to the project area from the barge site may cause erosion to the area. The operational areas will be monitored for erosion to prevent sediment from reaching the water.</p> <p>Hydrocarbon spills may also occur while constructing the barge landing and transporting equipment to the project area. Equipment and containers will be checked before leaving Groote Eylandt and existing the barge onto Winchelsea Island. If any spills occur, spill kits will be available on the equipment for immediate clean up.</p> <p>Pest species may also be introduced while transporting equipment to the project area. To prevent this, all employees are to inspect vehicles, equipment and barges before departing for Winchelsea Island. All equipment/barge landings onto Winchelsea Island will be screened by the ALC Ranger cane toad detection dog.</p> <p>Winchelsea will monitor and control weed growth annually. This has been addressed in the updated SOP at Appendix 23.</p> <p>The need for firebreaks has been revised and it has been concluded that nil firebreaks will be required, except around the perimeter of the logistics supply base.</p> <p>At this stage, Winchelsea will not be constructing water bores on site for exploration purposes. For this current program, water will be brought onto site in containers. If Winchelsea later decide to construct bores for exploration purposes, the Department will be advised and a licence will be applied for through DENR. One drillhole has been cased and is being utilised as a bore, however water from this bore is being used for domestic purposes at the camp only.</p> <p>The DPIR Guidelines aa7-005 (Clearing and Rehabilitation of Exploration and Tracks) and aa7-029 (Construction and Rehabilitation of Exploration Drill Sites) will be applied to clearing of drill pads and tracks and drilling works. Aspects of these guidelines have been acknowledged and accepted in sections 6 and 7 of this document.</p> <p>During the drilling program, areas of land between the silt traps/drill pads to water courses will be monitored for erosion, silt movement and suspended sediment (increased turbidity) from operational areas to detect the present or absence of excess silt reaching the water courses.</p>

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Section	Amendment
5.6.1 Objectives and Targets	Surface water captured in drill sumps will be monitored for potential contaminants (eg hydrocarbons) collected on the drill pad and water treated as appropriate. Water that is contaminated will be removed from the project site and ToxFree will be contacted for disposal assistance.
6 Exploration Rehabilitation Rehabilitation of costeans and ramps	<p>Drillholes will be capped immediately after drilling cessation of the hole. This is verified in section 6 of this document. All holes will be plugged/capped as per DPIR Advisory Note AA7-029.</p> <p>The gravel pit will be left as a shallow depression to catch native seeds and wash off and will naturally regenerate.</p> <p>Costeans will be backfilled with material that has not been sent away for bulk sampling and testing. Backfilling will occur in the correct sequence that it was extracted. Ie, topsoil will be replaced back on top. If any additional material is required to backfill the pits, top soil will be purchased and brought onto site. However, it is not envisaged that additional material will be required to backfill the pits. All costean pits will be backfilled within 6 months of completion of works and before the next wet season. Vegetation will naturally regenerate on the sites, as it has on the tracks and drill pads already constructed on the site. Photographic evidence of this provided in Appendix 27.</p>
Section 7	Costean Pit rehabilitation information added.
Section 8- Required Attachments	Section 8 updated to reflect submission of Remediation Register and Rehabilitation Photographs.
Appendix 5	Updated security calculation

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Section	Amendment
Appendix 21 Winchelsea Island Pioneer Access Ramp Concept - Technical Memo Rev B 220.	<p>It was envisaged that the rockfill will be sourced from land-based sandstone rock outcrops in the Bartalumba Bay or Groote Eylandt. However, material will be sourced and barged from Boral Redlynch in Cairns, in one single dumbarge carrying 2,500 tonnes of granite rock of core fill and armour sizing.</p> <p>Inspections of the material transported from the Redlynch quarry in Cairns will take place by the ALC Biosecurity staff and the cane toad dog. This will occur on board the barge on arrival at Winchelsea Island and prior to unloading of any materials or equipment. Any animals or plant matter found will be removed. Any weeds or seeds will be burnt.</p> <p>Biosecurity measures are found in the SOP in Appendix 23.</p>
Appendix 23 Accommodation	An established has been set up on Groote Eylandt on s19 land. "Pole12" will be used for accommodation for contractors. A logistics supply base in close proximity to the barge landing will be set up on Winchelsea Island. The logistics supply base disturbance has been added to the security calculation.
Appendix 25	Addition appendix containing new pit files.
Appendix 26	Addition of appendix containing rehabilitation register.
Appendix 27	Addition of Appendix 27- Rehabilitation Progress Photographs. Updated photos added to Appendix.
Appendix 28	Addition of Appendix 28- New Aircore drill holes and pits.
Publication of approved MMP	Winchelsea is aware that an annual public report is now required to be made public. Winchelsea will provide a copy of the public version to DPIR once this MMP is approved.
Email	Updated Application for Authorisation Form Attached, as requested via email.

Section 4 – Activities Proposed

Mining Interests (i.e. titles)	EL27521
Number and type of proposed drill holes	172 RC drill holes Additional 122 RC drill holes- 294 total Additional 226 RC drill holes- 520 total Additional 468 Aircore holes- 988 total
Maximum depth of proposed holes (m)	50m
Number and size of drill pads to be cleared (Length:18 m x Width:15m)	172 drill pads at 18 m x 15m= 46,440m ² = 4.64 ha Additional 122 drill pads at 18 m x 15m= 32,940m²= 3.294 Ha Total 294 drill pads at 18 m x 15m= 79,380m²= 7.938 Ha Additional 226 drill pads at 18 m x 15m= 61,020m ² = 6.102 Ha Total 520 drill pads at 18m x 15m= 140,400m²= 14.04 Ha Nil additional drill pads required for Aircore holes. Holes will be drilled on tracks.
Total area of drill pads to be cleared (ha)	4.64 ha Additional 3.294 Ha Total- 7.938 Ha Additional 6.102 Ha Total- 14.04 Ha
Is drilling likely to encounter groundwater? (Y, N, unsure)	3 drill holes will be used as groundwater monitoring bores. Water will be tested only and not utilised for exploration purposes.
Number of bulk sample pits	A bulk sampling approval of up to 112 tonnes have been received from Titles.
Total bulk sample (tonnes) (Length: m x Width: m x Depth: m)	First bench-6m x 3.5m x 1.5m= 31.5m ³ Pit Base- 6m x 1.5m x 1.5m= 13.5 Total- 45m³ x 112 pits = 5,040 m³ Based on 1.7 tonnes per m ³ , the total weight of material to be extracted will be approximately 8,568 tonnes. Up to 112 tonnes in total will be bulk sampled and sent for testing. Up to 112 tonnes in total has been approved by Titles for bulk sampling. Additional pits below are being applied for, but bulk sampling will not exceed the approved 112 tonnes. First bench-6m x 3.5m x 1.5m= 31.5m³ Pit Base- 6m x 1.5m x 1.5m= 13.5 Total- 45m³ x 150 pits = 6,750 m³ Based on 1.7 tonnes per m ³ , the total weight of material to be extracted will be approximately 11,475 tonnes.

Mining Interests (i.e. titles)	EL27521
Bulk sample pits approved under <i>Mineral Titles Act?</i> (Y or N)	Yes
Number of Costean pits	<p>47- Geologists will conduct “channel sampling” along the costean pit walls. These channel samples will be sent for assaying. Only some of the pit material will be sent for bulk sampling.</p> <p>Additional 14 costean pits. Total 31 costean pits</p> <p>Additional 81 costean pits. Total 112 costean pits</p> <p>Additional 38 costean pits. Total 150 costean pits</p>
Dimensions (Length: m x Width:m x Depth: m)	<p>First bench-6m x 3.5m x 1.5m Pit Base- 6m x 1.5m x 1.5m With a ramp into the pit, just in case small animals enter the pits, so they can escape.</p>
Amount of material to be extracted and stockpiled	<p>First bench-6m x 3.5m x 1.5m= 31.5m³ Pit Base- 6m x 1.5m x 1.5m= 13.5</p> <p>Total- 45m³ x 17 = 765 m³</p> <p>Total- 45m³ x 31= 1,395 m³</p> <p>Total- 45m³ x 112= 5,040 m³</p> <p>Total- 45m³ x 150= 6,750 m³</p>
Total area of pit pads to be cleared (ha)	<p>Nil- pits will be extracted from existing tracks and drill pads.</p> <p>53 new pads.- 18m x 15m= 14,310m²= 1.431 Ha</p> <p>28 Pits to be constructed on the existing tracks and new tracks. These pit clearings are accounted for in the track clearings.</p> <p>38 new pits to be constructed on the existing and new tracks. These pit clearings are accounted for in the track clearings.</p>
Gravel Pit (Length: 100 m x Width: 100 m x Depth: 1 m)	1 pit. 100m X 100m and up to 1m in depth= 1 Ha

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Mining Interests (i.e. titles)	EL27521
<p>Length of line/track clearing (km: 78.57 x Width: 5 m)</p>	<p>46.3 km X 0.005 km= 0.2315km² = 23.15Ha Additional 15.89 km X 0.005 km= 0.07945km² = 7.945 Ha Total- 31.095Ha</p> <p>Additional 17.85 km X 0.005 km= 0.08925 km² = 8.925 Ha Total- 40.02 Ha</p> <p>Additional 3.5 km X 0.005 km= 0.0175 km² = 1.75 Ha Total- 41.77 Ha</p> <p>Additional 32.95 km x 0.005 km= 0.16475 km²= 16.475 Ha Total- 58.245 Ha</p> <p>Some of the tracks can be provided in a “blade up” manner, hence only a partial amount will be accounted for in the security calculation.</p> <p>Track from logistics supply area to project tracks: 290m X 5m= 1,450m²= 0.145Ha</p>
<p>Logistic supply base area to be cleared (ha)</p>	<p>70m X 50m plus ramp from barge landing to logistic supply are = 3,700m² = 0.37 Ha</p>
<p>Base Infrastructure (i.e. demountable, tents)</p>	<p>Winchelsea Island- 40ft lockable container and attached marquee.</p> <p>Groote Eylandt- ALC managed Camp (already established) on Groote Eylandt on s19 lands at Pole 12.</p> <p>2 Caravans- camping is required because of the access difficulties to Winchelsea Island with ephemeral tides having a major impact. Caravans will be located within the logistic supply base.</p>
<p>Previous disturbance yet to be remediated on title (ha) if known</p>	<p>Nil</p>
<p>Other</p>	<p>Helipad- 50m X 50m= 2,500m²= 0.25 Ha</p>
<p>Total area disturbed proposed (ha)</p>	<p>28.305 Ha 39.798 Ha 59.006 Ha 75.481 Ha</p>

Section 5 – Previous Disturbance (for existing Authorisations only)

Mining Interests (i.e. titles)	EL27521
Number/type of holes drilled	458 RC holes
Maximum depth of holes drilled (m)	50m
Number of holes remediated (i.e. plugged/capped)	458 RC holes
Number and size of drill pads cleared (Length: m x Width: m)	Total 458 drill pads at 18m x 15m= 123,660m ² = 12.366 Ha
Total area of drill pads cleared (ha)	12.366 Ha
Total area of drill pads remediated (ha)	9 pads at 18m x 15m= 2,430m ² = 0.243 Ha
Was groundwater encountered? (Y or N)	Yes
Length of line/track cleared (Length: km x Width: m)	Additional 17.85 km X 0.005 km= 0.08925 km ² = 8.925 Ha Total- 40.02 Ha Track from logistics supply area to project tracks: 290m X 5m= 1,450m ² = 0.145Ha
Length of line/track remediated (Length: km x Width: m)	Naturally regenerating. Photos and an update will be provided in the next MMP
Number of costeans excavated (L: m x W: m x D: m)	First bench-6m x 3.5m x 1.5m Pit Base- 6m x 1.5m x 1.5m With a ramp into the pit, just in case small animals enter the pits, so they can escape. First bench-6m x 3.5m x 1.5m= 31.5m ³ Pit Base- 6m x 1.5m x 1.5m= 13.5 Total- 45m ³ x 31= 1,395 m ³
Number of costeans remediated	Nil
Gravel pits excavated (Length: x Width: x Depth: m)	1 pit. 100m X 100m and up to 1m in depth= 1 Ha
Total gravel sample pits remediated	Naturally regenerating. Photos and an update will be provided in the next MMP
Logistics supply base cleared (ha)	70m X 50m plus ramp from barge landing to logistic supply are = 3,700m ² = 0.37 Ha

Mining Interests (i.e. titles)	EL27521
Logistics supply base remediated (ha)	No
Helipad	50m X 50m= 2,500m ² = 0.25 Ha
Helipad remediated	No
Total area disturbed (ha)	54.151 Ha
Total area remediated (ha)	0.243 Ha for pads. Additional areas are naturally regenerating and an update on these areas will be provided in the 2020 MMP.

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	✓	Blade-up approach for clearing will be used (i.e. no windrows, leave root stock and topsoil)
6.2	✓	Significant vegetation will be avoided during clearing (i.e. large trees, specimens providing habitat or food sources, riparian vegetation, and threatened species)
6.3	✓	Vegetation clearing during, and immediately after rainfall events, will be avoided
6.4	✓	Vegetation clearing will be kept to the minimum required to safely traverse vehicles and drill rigs along tracks and drill pads
6.5	✓	Where blade-up techniques cannot be employed, topsoil and vegetation will be stockpiled appropriately for remediation purposes
6.6	✓	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	✓	Sumps will be lined or tanks of appropriate size to contain water, sediment and drilling fluids encountered during drilling, will be used
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/ Internally bunded steel isotanks.
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- compliant waste management facility on Groote Eylandt.
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:

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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
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
7.17	✓	Costeans backfilled within 6 months of completion of works.

Justification and alternative management measures:

Section 8 – Required Attachments

8.1	✓	Security Calculation Spreadsheet
8.2	N/A	Nomination of Operator Form
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 4. remediated areas 5. camp sites 6. sacred/heritage sites 7. environmental constraints
8.6	✓	Remediation Register (for existing Authorisations)
8.7	✓	Photographs of remediation work
8.8	N/A	Radiation Management Plan (if applicable)



Department of
**PRIMARY INDUSTRY AND
RESOURCES**

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File reference
MDOC2020/04561

Mr Mark Hewitt
Co-Executive Chief Officer
Winchelsea Mining Pty Ltd
PO Box 634
NORTH SYDNEY NSW 2059

Dear Mr Hewitt,

I refer to your advice in relation to the Winchelsea (Akwamburrkba) Island Project submitted on 12 August 2020¹. Your advice relates to the previously approved Mining Management Plan (MMP) and requests relocation of 10 approved drill hole locations.

Your request has been considered and relocation of the drill holes is approved.

You are required to append the advice you provided and this approval to your public MMP.

Please contact Michelle Kassman on (08) 8999 5450 or via e-mail at mineral.info@nt.gov.au if you require any further information regarding this issue.

Yours sincerely

A handwritten signature in blue ink, appearing to read "Armando Padovani".

Armando Padovani
Executive Director Mines
August 2020




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¹ MDOC2020/04551


Section 9 – Declaration

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	18 May 2020	18 May 2020	18 May 2020
Name	Holly Edgar	Mark Hewitt	Mark Hewitt
Signature			

I Mark Hewitt, Director- Winchelsea Mining 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: 

DATE: 18 May 2020

