

Curraghinalt Project, County Tyrone, Northern Ireland

Prepared for Dalradian Gold Limited

Guide to the Planning Application Addendum
July 2019

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1. Introduction

- 1.1 This 'Guide to the Application' Addendum submitted in support of the planning application (ref: LA10/2017/1249/F) has been prepared on behalf of Dalradian Gold Limited ('DGL' or 'the applicant').
- 1.2 Following the 2017 planning application, DGL has reviewed the project design, taking into account feedback during the planning application process, which has resulted in a number of revisions to the detailed project description assessed in the Environmental Statement (ES). In summary these are:
- First-stage crushing of the ore moved underground;
 - Addition of ore-sorting equipment underground;
 - Use of conveyor belts instead of trucks as the primary method to move materials from the underground to the surface;
 - Simplified ore processing to yield a partially refined product for further processing off site and out of Northern Ireland, eliminating the use of cyanide and smelting on-site;
 - Further optimisation of the mine; and
 - The project will be carbon-neutral over its lifetime.
- 1.3 The relocation of the primary crushing underground has resulted in a minor amendment to the description of development (see Section 4).

2. Form and Content of the Further Submission

Forms and Drawings

- 2.1 As a result of the revisions to the description of development it has been necessary to revise both the P1 Application Form and the P1b Form and re-issue the landownership certificates.
- 2.2 The amendments to the scheme have also resulted in revisions to some of the previously submitted drawings and the provision of some additional drawings. An updated drawing schedule is enclosed at Appendix 1.

Reports

- 2.3 There have been no revisions or updates to the Pre-Application Community Consultation Report or the Design and Access Statement.

Environmental Statement

- 2.4 In line with the requirements of Planning (Environmental Impact Assessment) Regulations (Northern Ireland) 2015, the application included an Environmental Statement (ES) to report the findings of the Environmental Impact Assessment (EIA) process undertaken for the proposed development.
- 2.5 In a letter dated 8 January 2019, the DfI stated that Further Environmental Information (FEI) is required to be submitted under Regulation 23 of the Planning (Environmental Impact Assessment) Regulations (Northern Ireland) 2015. Extensions of time were sought and agreed with DfI on 5 April and 4 July 2019.
- 2.6 In response to the FEI request an Addendum the ES has been prepared and addresses the FEI requests received in the letter dated 8 January 2019 from the DfI. The Addendum to the ES also includes further information that is provided on a voluntary basis to assist the DfI but does not form part of the FEI request. Specifically, the ES addendum records and considers the refinements that have been made to the project description by DGL subsequent to the 2017 planning application submission.

Further Supporting Information

- 2.7 The following other reports, which were submitted in support of the planning application to assist DfI's determination of the planning application, either remain unchanged or have been updated.
 - Planning Statement – no change;
 - Statement of Economic Impacts – retained and should be read in conjunction with the Addendum to the ES (see ES Addendum Volume 2), the Addendum to the Socio-Economic Impact Assessment and The Statement of Economic Impacts (see ES Addendum Volume 3, Appendix C12 and 13) and the response to the

Department for Infrastructure (Economics Branch) (ES Addendum Volume 3, Appendix D5);

- Transport Assessment – retained and should be read in conjunction with Transport Assessment Addendum (see ES Addendum Volume 3, Appendix C22);
- Travel Plan – no change;
- Shadow Habitat Regulations Assessment – replaced with the updated Shadow Habitats Regulations Assessment (July ~~2017~~) (see ES Addendum Volume 3, Appendix C10); and
- Mine Waste Management Plan – replaced with the updated Mine Waste Management Plan (July ~~2017~~) (see ES Addendum Volume 3, Appendix B3 and stand-alone copy).

3. Project Background

3.1 No change – refer to the Guide to the Application (November 2017).

4. The Curraghinalt Project

For detailed information on the proposed development please refer to ES Chapter 4 (Project Description) of the Environmental Statement (November 2017), the Addendum to the Environmental Statement (Volume 2, July 2019) and the Planning Drawings (2017 and 2019)

Description of Development

- 4.1 The relocation of the primary crushing underground has resulted in a minor amendment to the description of development. The only change has been the removal to reference to 'crusher building'.

Revised Description of Development

Underground valuable minerals mining and exploration including new portal (tunnel entrance), decline (ramp), paste backfill plant, crusher and ore sorter, secure explosives store, fuelling and small service maintenance facilities, refuge stations and ancillary infrastructure, mine workings and paste backfill and waste rock placed in the workings

Two additional ventilation raises (main ventilation fans located underground) and retention of the existing ventilation raise

Associated surface level development including:

- *processing plant (covered coarse ore stockpile and process plant building)*
- *laboratory building*
- *dry stack facility (also called the mine waste storage facility)*
- *administrative and mine dry building*
- *mine rescue building*
- *warehouse building*
- *maintenance workshop building*
- *fuel and lube station*
- *main substation (electrical room), substation (electrical room) and electrical rooms*
- *electricity transformers*
- *vehicle and cycling parking*
- *internal roads and circulation space*
- *retention of existing explosive store (on a temporary basis)*
- *water treatment plant*
- *4 x water storage ponds*
- *sewage treatment plant (below surface)*
- *surface water diversion berms*
- *water management ditches and distribution channels*
- *new site access from Crockanboy Road (approximately 22m to the east of Irish grid reference 258003, 383422)*
- *landscaping*
- *perimeter fencing*
- *laydown areas*

- *5m high rock berms*
- *lighting*
- *temporary and permanent peat and spoil storage areas*

Demolition (when required) of existing cottage and associated buildings at 80 Mullydoo Road, Greencastle, BT79 7QP.

A new road located to the south and east of the proposed dry stack facility / mine waste storage facility.

Retention of the existing portal, tunnel and surface development on lands off Camcosy Road (approved under planning permissions K/2014/0246/F, K/2013/0072/F and K/2014/0387/F), with consequential amendments to planning conditions on the duration of this development and its restoration. Upgrade of water treatment facilities at this existing site to serve the mine. This existing infrastructure to be used as secondary mine access.

Road improvements, as required, along the extent of the Camcosy Road between lands approximately 165 metres west of no. 45 Camcosy Road and no. 2 Camcosy Road (turning point west of Rouskey).

Temporary use (24 months) of an existing hard standing area off Lenagh Road agricultural yard as a turning point for heavy goods vehicles.

Landscaping and habitat mitigation, enhancement and compensation works including the erection of a bat house.

Mine closure and associated phased landscape restoration

Other ancillary works

5. Planning Policy

5.1 No change - refer to the Guide to the Application (November 2017).

6. Design

6.1 No change - refer to the Design and Access Statement (November 2017).

7. Economic Impact

7.1 For further information refer to the following documents.

- Appendix C13 - Statement of Economic Impacts (ES Volume 3, November 2017)
- Appendix C12 and C13 - Addendum to the Socio-Economic Impact Assessment and The Statement of Economic Impacts (ES Addendum Volume 3, July 2019)
- Appendix D5 - The response to the Department for Infrastructure (Economics Branch) (ES Addendum Volume 3, July 2019)

8. Environmental Impact Assessment

For further information refer to the Environment Statement (November 2017) and the Addendum to the Environmental Statement (July 2019) prepared by SRK

- 8.1 The ES Addendum (July 2019) comprises three components:
- i. Volume 1 – Addendum to the Non-Technical Summary;
 - ii. Volume 2 – Addendum to the Environmental Statement main report; and
 - iii. Volume 3 – Addendum to the Environmental Statement appendices.
- 8.2 A full schedule of the Appendices which form part of Volume 3 of the ES Addendum is set out below.

Table 8.1: Volume 3 - Environmental Statement Addendum Appendices

Curraghinalt Environmental Statement Addendum Appendices		
Engineering and management reports	Mine Design Parameter Statement & Drawings (July 2019)	B1
	Outline Construction Environmental Management Plan (July 2019)	B2
	Mine Waste Management Plan (July 2019)	B3
	Peat Landslide Hazard and Risk Assessment (July 2019)	B7
	Peat Management Plan (July 2019)	B8
	Addendum to the Geochemistry Characterisation Report	B9
	Lighting Specifications (July 2019)	B11
	Design Drawings (July 2019)	B12
Specialist Reports	Addendum to the Surface Water Baseline Report	C3
	Addendum to the Groundwater Baseline Report	C5
	Addendum to the Radon and Norm Emissions Impact Assessment	C7
	Addendum to Ecological Impact Assessment and Baseline Reports	C8
	Addendum to the Ecological Mitigation and Management Plan	C9
Shadow Habitats Regulation Assessment (July 2019)	C10	

Curraghinalt Environmental Statement Addendum Appendices

Addendum to the Socio Economic Impact Assessment and Economic Impact	C12 + C13
Addendum to Health Impact Assessment	C14
Addendum to Landscape and Visual Impact Assessment and Visualisations	C16
Landscape and Landscape Restoration Plans (Updated)	C17
Noise Impact Assessment Addendum	C18
Air Quality Impact Assessment Addendum	C19
Vibration Impact Assessment Addendum	C20
Subsidence and Seismic Activity	C21
Addendum to the Transport Assessment	C22
Powerline Route (2019)	C23
Further Information Request from DFI Planning (January 2019)	D1
Draft Surface Water and Groundwater Environmental Monitoring and Action Plan	D2
Groundwater, Surface Water and Geochemistry Model Files	D3
Private Water Supply Details	D4
Response to the Department for Infrastructure (Economics Branch)	D5
Environmental Emergency Preparedness and Response Plan Protocol	D6

Changes between 2017 Design and 2019 Update

8.3 The changes to the design will change aspects of the project that could have environmental impacts. The aspects that have been changed are identified in Table 8.1 as either positive (green), negative (red) or no change (white).

Table 8.2: Changes between 2017 Design and 2019 Update that could have Environmental Impacts

Design Change	Aspect Change	Expected nature of the change – positive/ negative/ neutral or uncertain
No use of cyanide	No trace of process cyanide in backfill	Overall positive in terms of addressing public concern about cyanide in general

Design Change	Aspect Change	Expected nature of the change – positive/ negative/ neutral or uncertain
	No trace of process cyanide in process water	
	No trace of process cyanide in water ponds	
	No cyanide transported to site	
	<i>Changes to the process to enable project viability without cyanide</i>	<i>See below</i>
Change in product – a concentrate	High sulphide concentrate leaving site	Positive - Reduction in quantity of sulphide material reporting to the paste backfill. Reduced potential for acid generation and metal leachate
Transportation of concentrate off site	Concentrate product to be transported off site – 3 HGV truck loads per day	Negative – small increase in traffic on the roads and associated slight increase in traffic noise and dust.
Crushing underground	Noise and dust source moved underground	Overall positive change in noise sources on surface No change in air quality or dust
New ball mill in process plant	Additional noise source in process plant building Change in grind size of the tailings material – the final tails will be finer, however, there is no ultrafine grind material due to the underground sorting which removes waste rock.	
Conveyor to transport material to surface	Reduced haul truck movements and reduced diesel consumption Reduced potential for interaction between people and mobile equipment on the decline ramp.	Positive - Reduction in carbon footprint for the project Reduced traffic movement on haul road at night removing source of visual impacts Improved safety of underground operations by reducing vehicle moments.
Paste back fill	Reduction of sulphide and finer grind size of tailings reporting to paste plant.	Overall neutral change with the reduction in the total quantity of sulphide in the paste backfill offset by the

Design Change	Aspect Change	Expected nature of the change – positive/ negative/ neutral or uncertain
Update in mine design parameters statement and optimisation of mine design	The shallower and more laterally extensive underground mine workings	finer grind size Negative impact on groundwater drawdown
	Changes in the underground mine backfill in upper mine levels, resulting in coarser material which	Positive - Coarser material will promote drainage in the upper part of the mine and have an overall positive impact to water quality in groundwater.

9. Other Consenting Regimes

- 9.1 Following the removal of the CIL process and associated reagents, the Pollution Prevention and Control (PPC) and the Hazardous Substances Consent applications will be withdrawn.
- 9.2 Other all consents set out in Appendix 5 of the Guide to the Application (November 2017) remain.

10. Next Steps in Planning

10.1 The next steps for Dfl in the planning process are as follows:

- Advertisement of receipt of the further information and availability of the information for review and representations;
- Re-neighbour notification; and
- Re-consultation with statutory and non-statutory consultees.

Appendix 1: Drawing Schedule

Curraghinalt Project

Drawing Schedule

July 2019

Curraghinalt Project Updated Drawing Schedule

Table 1.1 Planning Application Drawings (Teague & Sally)

#	Drawing Title	Drawing Ref	Revision/Notes
1	Processing – Overall General Arrangement	C3515 - S01	A
2	Crusher Plan & Section	C3515 - S02	Removed
3	Crusher Elevations	C3515 - S03	Removed
4	Stockpile Plan & Section	C3515 - S04	No change
5	Stockpile Elevations	C3515 - S05	No change
6	Processing Plant - Plan Sheet 1	C3515 - S06	A
7	Processing Plant - Plan Sheet 2	C3515 - S07	Removed
8	Processing Plant - Section Sheet 1	C3515 - S08	A
9	Processing Plant - Section Sheet 2	C3515 - S09	A
10	Processing Plant - Section Sheet 3	C3515 - S10	A
11	Processing Plant - Section Sheet 4	C3515 - S11	A
12	Processing Plant - Section Sheet 5	C3515 - S12	A
13	Processing Plant - Section Sheet 6	C3515 – S13	Removed
14	Processing Plant - Section Sheet 7	C3515 - S14	Removed
15	Processing Plant - Elevation Sheet 1	C3515 - S15	A
16	Processing Plant - Elevation Sheet 2	C3515 - S16	A
17	Processing Plant - Elevation Sheet 3	C3515 - S17	A
18	Truck Shop Ground Floor Plan	C3515 - S18	No change
19	Truck Shop First Floor Plan	C3515 - S19	No change
20	Truck Shop Elevations	C3515 -S20	No change
21	Truck Shop Sections	C3515 - S21	No change
22	Warehouse Plan, Section, Elevations	C3515 - S22	No change
23	Mine Rescue Plan, Section, Elevations	C3515 - S23	No change
24	Water Treatment Plant Plan	C3515 -S24	No change
25	Water Treatment Plant Elevations	C3515 - S25	No change
26	Portal General Arrangement	C3515 - S26	A
27	Admin and Dry Building	C3515 - S27	No change

#	Drawing Title	Drawing Ref	Revision/Notes
28	Assay Lab	C3515 - S28	No change
29	Vent Collar General Arrangement	C3515 - S29	No change
30	Transformers	C3515 - S30	No change
31	Electrical Rooms	C3515 - S31	A
32	Bat House	C3515 - S32	No change
33	Security Fencing	C3515 - S33	A
34	Conveyor Transfer Towers General Arrangement	C3515 - S34	New
35	Conveyor Transfer Towers Plans	C3515 -S35	New
36	Sewage Treatment Plant	C3515 - S36	New
37	Temporary Explosive Store (max 24 months)	C3515 - S37	New

Table 1.2 Planning Application Drawings (Hoy Dorman)

Drawing Title	Drawing Ref	Revisions/Notes
Site Location Plan	2016021-P-CIV-001	No change
Regional Site Location Plan	2016021-P-CIV-001A	No change
Site Location Plan including Extraction and Exploration Areas	2016021-P-CIV-001B	No change
Existing Site Plan	2016021-P-CIV-002	No change
Site Location Plan Illustrating Proposed Developments/Working Areas	2016021-P-CIV-003	A
General Site Layout Plan	2016021-P-CIV-004	Replaced by 2016021-P-CIV-004(A) and 2016021-P-CIV-004(B)
General Site Layout Plan Sheet 1 of 2	2016021-P-CIV-004(A)	A
General Site Layout Plan Sheet 2 of 2	2016021-P-CIV-004(B)	A
Proposed Site Cross Section Plan	2016021-P-CIV-005	A
Proposed Site Cross Sections A & B	2016021-P-CIV-006	A
Proposed Site Cross Sections C & D	2016021-P-CIV-007	A
Proposed Site Cross Sections E & G	2016021-P-CIV-008	A
Proposed Site Cross Section F	2016021-P-CIV-009	A
Proposed Site Cross Section H	2016021-P-CIV-010	A

Drawing Title	Drawing Ref	Revisions/Notes
Proposed Site Cross Sections I, J & K	2016021-P-CIV-011	A
1000 L Fuelstore – Dispensing Equipment	2016021-P-CIV-012	No change
27,500 L Fuelstore – Dispensing Equipment	2016021-P-CIV-013	No change
Mine Vent Raise Proposed Locations	2016021-P-CIV-020	New
Proposed Layout Plan	2016021-P-CIV-100	A
Proposed Junction Details Right Turn Lane	2016021-P-CIV-101	A (<i>also renamed</i>)
Proposed Site Access Junction Details	2016021-P-CIV-102	No change
Proposed Site Access Junction Details	2016021-P-CIV-103	No change
Proposed New Road Plan & Profile (CH0-CH470)	2016021-P-CIV-104	A (<i>renamed</i>)
Proposed New Road Plan & Profile (CH470-CH920)	2016021-P-CIV-105	A (<i>renamed</i>)
Proposed New Road Plan & Profile (CH920-CH1385)	2016021-P-CIV-106	A (<i>renamed</i>)
Proposed Haul Road Plan & Profile (CH0-CH430)	2016021-P-CIV-107	A (<i>renamed</i>)
Proposed Haul Road Plan & Profile (CH4300-CH860)	2016021-P-CIV-108	A (<i>renamed</i>)
Proposed Haul Road Plan & Profile (CH860-CH1216)	2016021-P-CIV-109	A (<i>renamed</i>)
Proposed Site Access Road Plan & Profile (CH0-CH420)	2016021-P-CIV-110	A (<i>renamed</i>)
Proposed Site Access Road Plan & Profile (CH420-CH820)	2016021-P-CIV-111	A (<i>renamed</i>)
Proposed Site Access Road Plan & Profile (CH820-CH1240)	2016021-P-CIV-112	A (<i>renamed</i>)
Proposed Site Access Road Plan & Profile (CH1240-CH1560)	2016021-P-CIV-113	A (<i>renamed</i>)
Proposed Site Access Road Plan & Profile (CH1560-CH1865)	2016021-P-CIV-114	A (<i>renamed</i>)
Proposed West-East Pond Access Road Plan & Profile (CH0-CH347)	2016021-P-CIV-115	A (<i>renamed</i>)
Proposed Carpark Layout & Pedestrian Access	2016021-P-CIV-116	A
Typical Road Pavement & Culvert Details	2016021-P-CIV-117	A
Proposed Pavement Cross Sections Sheet 1 of 2	2016021-P-CIV-118	A
Proposed Pavement Cross Sections Sheet 2 of 2	2016021-P-CIV-119	A
Proposed Turning Yard at Lenagh Road	2016021-P-CIV-120	No change
Proposed Turning Yard at Lenagh Road Autotrack	2016021-P-CIV-121	New
Proposed Private Streets Determination Plan Layout	2016021-P-CIV-130	New
Proposed Private Streets Determination Longsection Sheet 1 of 2	2016021-P-CIV-131	New
Proposed Private Streets Determination Longsection Sheet 2 of 2	2016021-P-CIV-132	New
Abandoned Road/Proposed New Road	2016021-P-CIV-170	New (<i>renamed</i>)
Passing Bay Location Plan	2016021-P-CIV-200	No change

Drawing Title	Drawing Ref	Revisions/Notes
Passing Bay No 1 Improvements	2016021-P-CIV-201	No change
Passing Bay No 2 Improvements	2016021-P-CIV-202	No change
Passing Bay No 3 Improvements	2016021-P-CIV-203	No change
Passing Bay No 3A Improvements	2016021-P-CIV-204	No change
Passing Bay No 4 Improvements	2016021-P-CIV-205	No change
Passing Bay No 5 Improvements	2016021-P-CIV-206	No change
Passing Bay No 5A Improvements	2016021-P-CIV-207	No change
Passing Bay No 6 Improvements	2016021-P-CIV-208	No change
Passing Bay No 7 Improvements	2016021-P-CIV-209	No change
Passing Bay No 7A Improvements	2016021-P-CIV-210	No change
Passing Bay No 7B Improvements	2016021-P-CIV-211	No change
Passing Bay No 8 Improvements	2016021-P-CIV-212	No change
Passing Bay No 8A Improvements	2016021-P-CIV-213	No change
Passing Bay No 9 Improvements	2016021-P-CIV-214	No change
Passing Bay No 10 Improvements	2016021-P-CIV-215	No change
Passing Bay No 11 Improvements	2016021-P-CIV-216	No change
Passing Bay No 13 Improvements	2016021-P-CIV-217	No change
Passing Bay No 14 Improvements	2016021-P-CIV-218	No change
Passing Bay No 16 Improvements	2016021-P-CIV-219	No change
Passing Bay No 17 Improvements	2016021-P-CIV-220	No change
Passing Bay No 18 Improvements	2016021-P-CIV-221	No change
Passing Bay No 19 Improvements	2016021-P-CIV-222	No change
Passing Bay No 20 Improvements	2016021-P-CIV-223	No change
Passing Bay No 21 Improvements	2016021-P-CIV-224	No change
Camcosy Road Passing Bay Improvement Standard Details	2016021-P-CIV-225	No change
Proposed Storm Drainage Sheet Layout Plan	2016021-P-CIV-301	A
Proposed Storm Drainage Sheet Layout Sheet 1 of 8	2016021-P-CIV-302	A
Proposed Storm Drainage Sheet Layout Sheet 2 of 8	2016021-P-CIV-303	A
Proposed Storm Drainage Sheet Layout Sheet 3 of 8	2016021-P-CIV-304	A
Proposed Storm Drainage Sheet Layout Sheet 4 of 8	2016021-P-CIV-305	A
Proposed Storm Drainage Sheet Layout Sheet 5 of 8	2016021-P-CIV-306	A
Proposed Storm Drainage Sheet Layout Sheet 6 of 8	2016021-P-CIV-307	A

Drawing Title	Drawing Ref	Revisions/Notes
Proposed Storm Drainage Sheet Layout Sheet 7 of 8	2016021-P-CIV-308	A
Proposed Storm Drainage Sheet Layout Sheet 8 of 8	2016021-P-CIV-309	A
Proposed Drainage Standard Details	2016021-P-CIV-310	A

Table 1.3 Planning Application Drawings (Land Use Consultants)

Drawing Title	Drawing Ref
Removal of Existing Vegetation	LUC-6335-LP-PLN_001
Landscape Plan	LUC-6335-LP-PLN_002
Restoration Plan	LUC-6335-LP-PLN_003
Existing Infrastructure Site Restoration Plan	LUC-6335-LP-PLN-004

FOR INFORMATION PURPOSES ONLY

Table 1.4: Conceptual Mine Waste Facility Drawings (see Appendix B3 of Volume 3 of the Environmental Statement and Appendix B3 of Volume 3 of the Environmental Statement Addendum – Appendix G - Mine Waste Facility Technical Design Report drawings)

Refer to Table 1.4 of Appendix 2 of the Guide to the Application and the following drawings from Appendix B3 of Volume 3 of the Environmental Statement Addendum – Appendix G - Mine Waste Facility Technical Design Report

- Drawing 1: General Site Plan
- Drawing 2: Mine Waste Facility (Year 0)
- Drawing 3: Mine Waste Facility (End of Year 1)
- Drawing 4: Mine Waste Facility (End of Year 4)
- Drawing 5: Mine Waste Facility (End of Year 6)
- Drawing 6: Mine Waste Facility (End of Year 8)
- Drawing 7: Mine Waste Facility (End of Year 16)
- Drawing 8: Mine Waste Facility (Final Layout)
- Drawing 9: Mine Waste Facility Sections AA, BB, and CC
- Drawing 10: Mine Waste Facility Waste Rock Management Concepts

Table 1.5 Underground Plans (see Appendix B1 of Volume 3 of the Addendum to the Environmental Statement)

#	Figure	Revision from 2017 submission
1	Illustrative Mine Schematic Long Section	Updated
2	Surface Ramp Level Plan	Updated
3	Crosscut Profile 4.5 H and 4.5m W	Updated (previous figure title - <i>Cross Section Capital Cross Cuts Profile</i>)
4	Cut and Fill Ore Development Profile 4.0m H and 4.5m W	Updated (previous figure title - <i>Cross Section Cut and Fill Ore Profile</i>)
5	Remuck/Sump Profile 4.5m H and 4.5m W	Updated (previous figure title - <i>Cross Section Capital Remuck/Sump Profile</i>)
6	Vent Access Profile 4.0m H and 4.0m W	Updated (previous figure title - <i>Cross Section Capital Vent Access Profile</i>)
7	Bulk Explosives Magazine Plan View	Updated (previous figure title - <i>General Arrangement Detonator Magazine</i>)
8	Bulk Explosives Magazine Section View	Updated (previous figure title - <i>General Arrangement Bulk Explosives Magazine</i>)
9	Fuelling Station	No change
10	Refuge and Lunch Station	No change (previous figure title - <i>Lunch room and permanent refuge station</i>)
11	Sump and Booster Pump Station	No change (previous figure title - <i>Cross Section Capital Sump Section & Plan</i>)
12	Ore and Muck Pass Collar	New figure
13	Ventilation Fan Access and Excavation	New figure
14	Sorter Plan View	New figure
15	Sorter Section View	New figure
16	Sorting Station Plant Layout – Section 1-1 and Section B-B Section 2-2 Section C-C Section A-A Axonometric View	New figures
17	Paste Plant Plan View Paste Backfill System – General Layout Overview Paste Backfill System – General Layout Isometric	New figures

#	Figure	Revision from 2017 submission
	Paste Backfill System – General Layout Elevation Paste Backfill System – General Layout 1F Plan Paste Backfill System – General Layout 2F Plan Paste Backfill System – General Layout 3F Plan Paste Backfill System – General Layout Section	
18	Magazine Chamber Section View	New figure
19	Fan Chamber Profile 6.5m H x 7.5m W	New figure
20	Fan Chamber Profile 5.0m H x 5.0m W	New figure
21	Longhole Stopping Profile 4.0m H x 4.5m W Resin	New figure
22	Longhole Stopping Profile 4.0m H x 4.5m W Friction Bolt	New figure
23	Mine Ramp Profile 4.5m H x 4.5m W	Updated (previous figure title - <i>Cross Section Mine Ramp Profile</i>)
24	Conveyor Profile and Blast Pattern 5.5m H x 5.5m W	New figure

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