31 March 2023
ASX: GRR.

GRANGE RESOURCES LIMITED

Australia's most experienced magnetite producer

Update to Savage River Mineral Resources and Ore Reserves

December 2022 Resource - Reserve Statement
Savage River Operations, Tasmania

HIGHLIGHTS

- **Mineral Resources & Ore Reserves have been estimated for Grange's Savage River magnetite deposits in Tasmania, as at 31 December 2022.**
- **9,766m (30 holes) of diamond drilling have been completed.**
- **The additional drilling has improved resource and reserve confidence; orebody knowledge; geotechnical models; and waste characterisation.**
- **Mineral Resources have slightly decreased to 485 million tonnes @ 44.5% DTR, a decrease of 0.8 million tonnes due to a balance of depletion and drilling updates.**
- **Ore Reserves at Savage River decreased to 96.7MT @ 46.7% DTR. This 6.4Mt decrease in Ore Reserves from the previous statement is attributed to mining depletion and resource model adjustment from new drilling in 2022.**
- **A Definitive Feasibility Study (DFS) for underground mining is in progress and a declaration of an underground Ore Reserve has not yet been made. This is dependent on the outcomes of the DFS and integration with the open pit mining schedules.**




The resource consists of 485.0 million tonnes at 44.5% DTR (above a cut-off of 15% DTR) as detailed in table 1 and the reserve consists of 96.5 million tonnes at 46.7% DTR (above a cut-off of 15% DTR) as detailed in table 2.

Table 1 Savage River Mineral Resource Estimate

	Measured Resources	Indicated Resources	Inferred Resources	TOTAL Resources
Tonnes (Mt)	173.0	172.6	139.4	485.0
DTR (%)	51.5	41.8	37.4	44.5
Fe (%)	67.9	68.1	68.8	68.3
Ni (%)	0.04	0.05	0.03	0.04
TiO_2 (%)	0.82	0.68	0.64	0.72
MgO (%)	1.82	1.36	1.15	1.46
P (%)	0.006	0.007	0.007	0.007
V (%)	0.36	0.35	0.35	0.35
S (%)	0.07	0.11	0.08	0.09

- Elemental compositions were measured from Davis Tube Concentrate
- Above a cut-off grade of 15% DTR
- Stockpiles were included in this summary table and are itemised separately in tables of individual mining pits and aggregated stockpiles.




Table 2 Savage River Ore Reserve Estimate

	Proved Reserves	Probable Reserves	TOTAL Reserves
Tonnes (Mt)	69.0	27.7	96.7
DTR (%)	49.3	40.1	46.7
Fe (%)	68.1	67.5	67.9
Ni (%)	0.03	0.04	0.04
TiO_2 (%)	0.81	0.71	0.78
MgO (%)	1.71	1.78	1.73
P (%)	0.006	0.009	0.007
V (%)	0.38	0.36	0.38
S (%)	0.06	0.10	0.08

- Elemental compositions were measured from Davis Tube Concentrate
- Above a cut-off grade of 15% DTR
- Stockpiles were included in this summary table and are itemised separately in tables of individual mining pits and aggregated stockpiles.

The Mineral Resource and Ore Reserve have been estimated by the company's technical staff assisted by external consultants and are reported in accordance with the guidelines of the JORC Code (2012 edition).

Independent technical reviews were performed by AMC Consultants Pty Ltd (AMC) in 2019 & 2020 regarding the resource estimation process and the reserve estimation of Centre Pit. AMC considered, based on the available information, Mineral Resource estimates have been completed using accepted practice.

INTRODUCTION

This document has been prepared to summarise the Mineral Resource and Ore Reserve of Grange Resources' magnetite deposits, located at Savage River and Long Plains in Tasmania.

This statement covers the material remaining at the end of December 2022 and contains summary details on the history of Savage River, the geology of the deposit and information involved in producing Mineral Resource and Ore Reserve estimates.

LOCATION

The Savage River Mine and concentrator plant are located approximately 100km south west by sealed road from Burnie. The pelletising plant and dedicated port facilities at Port Latta are located 70 kilometres northwest by sealed road from Burnie (Figure 2).

Local topography surrounding the mine is rugged, with incised valleys and steep hills. The west flowing Savage River dissects the deposit. Regional vegetation includes undisturbed rain forest with the mine area comprising wet eucalypt, acacia and open heath land. Climate is wet temperate with an average annual rainfall of 1,950mm and mean monthly temperatures ranging from 3-19°C.

Figure 1 Savage River Project Location

TENURE

Grange Resources operates under the conditions of Mining Lease 2M/2001 which consolidates and expands the previous lease 11M/97. This lease stands for 30 years from 2001, encompassing a total of 4,975 hectares.

The mining lease encompasses the Savage River Mine and concentrator, and the pelletising plant, wharf and shipping facilities located on the north west coast at Port Latta. The operation and facilities were previously held under Mining Lease 44M/66 when Pickands Mather & Co International (PMI) were the managers of the project until 1997.

Mining lease 14M/2007 was granted in May 2008 to extend the coverage of 2M/2001 for a total of 91 hectares. Another lease, 11M/2008 was granted in August 2009 to extend coverage by a further 108 hectares. This lease was renewed 18 Dec 2017 and expires in 2031. 4M/2019 (235Ha) was granted 17 August 2020 and expires 7/10/2031.

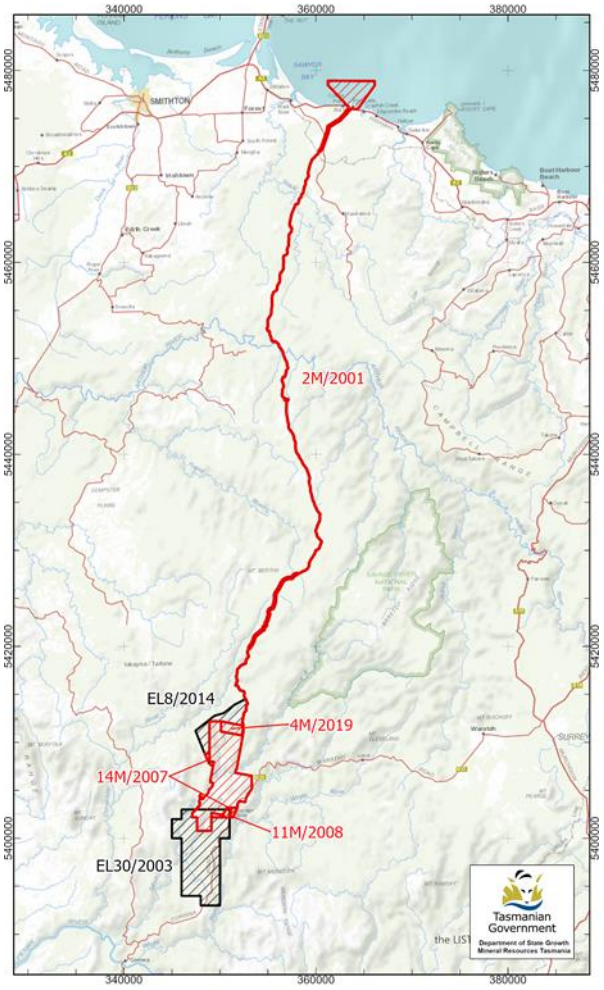

Figure 2: Tenements as at Dec 2022

Exploration licence EL30/2003 was granted in February 2010. The current 2-year tenure period expires on the 18 June 2023, is renewable via a successful extension of term application. Grange is currently on its seventh extension of term and an application for a further extension will be made prior to the renewal date. This license covers the entire Long Plains deposit. The lease comprises 38 sq km and adjoins 2M/2001 to the north. EL30/2003 covers all potential mining infrastructure sites and haulage routes envisaged should the Long Plains magnetite deposits prove up to be economical and progress to mining.

Grange was granted an exploration licence application “Pipeline Road” shown as EL8/2014 for an 11sq km lease north of 2M-2001 in 2014 and this licence is currently on its third extension of term which expires on 29 July 2023. An application for a further extension for EL30-2003 and EL8-2014 will be made 3 months prior to the renewal dates in 2023.

All leases and licences previously held by Australian Bulk Minerals (ABM) were transferred to Grange Resources Tasmania following the merger in January, 2009.




PROJECT HISTORY

Ironstone outcrops around the Savage River were first discovered by State Government surveyor C.P. Sprent in early 1887 during one of his exploration journeys through western Tasmania. The deposits were first reported as a possible source of iron ore in 1919.

Systematic exploration techniques were employed by the Australian Bureau of Mineral Resources during 1956 that included ground and airborne magnetic surveys. The largest magnetic anomaly was detected at Savage River with two smaller anomalies being detected at Long Plains and Rocky River further to the south (Figure 3).

Diamond drilling commenced during the late 1950's and into the 1960's largely by Industrial and Mining Investigations Pty Ltd (IMI).

In 1965, Savage River Mines Ltd, a joint venture of Australian, Japanese, and American interests was formed to develop the project. PMI (Pickands Mather International) developed an open cut mine, concentrator plant and township at Savage River to access the magnetite reserve. A pipeline from the concentrator plant to the pelletising plant and dedicated port facilities at Port Latta located on the northwest coast were also constructed.

Mining commenced in 1967 to supply a consortium of Japanese steel mills with 45 million tonnes of pelletised iron ore over a twenty-year period. Annual pellet production reached a maximum of 2.4 million tonnes per annum during the period.

The Savage River Project was operated for the full term of a thirty-year lease by PMI. In early 1997, PMI ceased mining activities at Savage River, transferring ownership of the Savage River Project to the Tasmanian Government on March 26, 1997.

At the end of March 1997, ABM purchased the assets of the Savage River Project from the Tasmanian Government. Following this purchase, ABM continued mining the existing pits through a series of cut-back operations, mined the previously undeveloped South Deposit, and began exploration around the Long Plains area.

In January 2009 Grange Resources merged with ABM and has continued to operate the open pit operation and further develop the mineral assets.

In 2021 a Pre-feasibility Study (PFS) was completed into the potential for an underground mine within the north pit resources. The PFS successfully determined that underground mining was technically and economically feasible and the study moved into Definitive Feasibility Study (DFS) in 2022.




GEOLOGY

The Savage River magnetite deposit lies within and near the eastern margin of the Proterozoic Arthur Metamorphic Complex in north western Tasmania. This complex is exposed along a northeast-southwest trending structural corridor, the Arthur Lineament, which separates Proterozoic sedimentary rocks to the northwest from a variety of Palaeozoic rocks to the southeast.

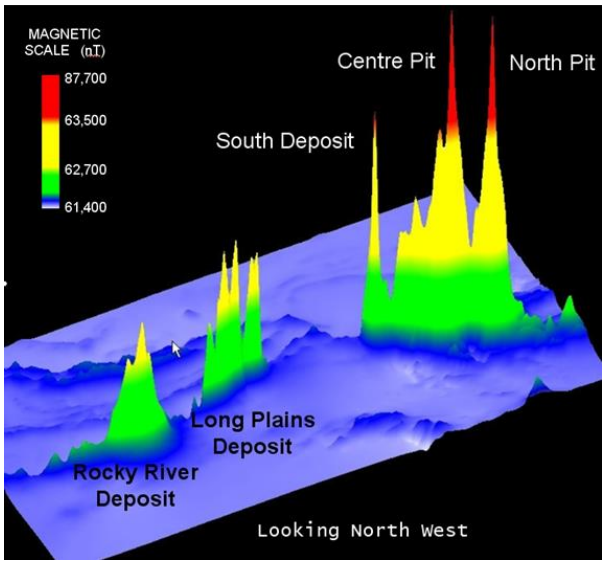

Figure 3: Savage River Regional Magnetics

The magnetite deposits at Savage River represent the largest of a series of discontinuous lenses that extend in a narrow belt for some 25 kilometres south of the Savage River Township. The deposit is subdivided into sections on the basis of areas that have been mined. The areas are referred to as North Pit, South Lens, Centre Pit, and South Deposit (Figure 3).

Magnetite ore is almost entirely enclosed within a highly sheared and strike-faulted belt of mafic and ultramafic rocks specifically serpentinite and talc-carbonate schist. The magnetite ranges in thickness from 40 to 150 metres in width and is termed the Main Ore Zone (MOZ).

Narrow (<20metre) lenses and layers also occur in the mafic sequence to the west. The mafic sequence comprises chlorite-calcite-albite schist and layered green amphibole-chlorite-albite schist.

A suite of late, strongly deformed metabasalt and metadolerite intrusive dykes occur either sub-parallel to or cut obliquely across the MOZ. Vein magnesite occurs adjacent to the MOZ with significant bodies developed in the east at South Lens and at the west in North Pit.

The magnetite ores comprise three volumetrically important groups: pyritic ores, ores associated with serpentine and talc-carbonate ores. The ore may be massive, layered, or disseminated and range from being fine-grained to coarsely crystalline. Accessory mineral phases may include talc, tremolite, actinolite, chlorite, epidote, apatite and carbonate in varying amounts. The mineral assemblages preserved at Savage River imply middle to upper green-schist facies metamorphic conditions.




EXPLORATION, DRILLING, SAMPLING AND ANALYSIS

Exploration and resource definition over recent years at Savage River has involved dominantly diamond drilling with minor reverse circulation (RC) drilling.

In 2022, there were 5,524m (19 holes) of diamond drilling completed on surface for the Centre Pit Drilling Project for resource definition; orebody knowledge; geotechnical modelling and waste characterisation purposes. There was 2,570m (6 holes) drilled from underground and 1,672m (5 holes) drilled from surface for North Pit Underground (NPUG) resource definition.

Regarding the drilling program, core recoveries are generally high in the ore zones at Savage River (>90%) and there are no significant core recovery issues. Drill collars are surveyed using a combination of conventional surveying (total station) and/or high resolution RTK GPS.

All samples used in resource estimation are taken from diamond drill core of either HQ or NQ size or from reverse circulation drill holes employing a 140mm face sampling hammer.

Core was half core sampled as standard practice and rarely full core sampled to confirm historic drill intercepts or for metallurgical testing. Sampled length is generally between 0.75m to 2m within lithological units to preserve volume variance and to provide sample weights of 3kg. Reverse circulation drilling was used to give uniform 1m samples by cone or riffle splitter resulting in a 3kg sample. Field quality control procedures included insertion of prepared sample standards at a rate of 1:25 and limited field duplicate samples on the RC suite of samples.

Sample preparation techniques were industry standard for magnetite ores and used the sub-sampling protocol as recommended by the Savage River Laboratory. Sample preparation was conducted at an external NATA-accredited laboratory for both core and RC chips. The subsampling process for RC was identical to that of the core except for the coarse crush stage. For drill core, the core was first analysed for bulk density by immersion in water. All mineralised core samples have had a density determination completed. The half core samples were oven dried at 110 degrees for 12 hours, then coarse crushed to minus 2mm in a Boyd crusher then split to ~3kg, crushed again to 90% passing 1.7mm and split again with a 150g sub-sample taken for pulverising to 98% passing 75 microns.

A pulp sub-sample was collected analysed at Savage River's mine lab by Davis Tube Recovery.

The primary assay technique is Davis Tube Recovery (DTR) on a 10g sample, followed by Ferrous Iron (Fe^{2+}) via Satmagan and S, total Fe, TiO_2, MgO, V, P, S and Ni via XRF on the Davis Tube Concentrate (DTC) via XRF. All techniques are considered total. DTR is the most appropriate assay technique for determination of magnetite recovery. All DTR samples were completed on the mine site using the Savage River DTR technique. This technique has been used for 50 years and is supported by pit reconciliations.




All logging and assay data is stored in a database which was validated against original log sheets. The database includes holes drilled by Savage River Mines Limited, ABM and more recent holes drilled by Grange Resources.

GEOLOGICAL INTERPRETATION AND RESOURCE ESTIMATION

Geological controls and relationships were used to define estimation domains with mostly hard boundaries, based on sharp mineralisation contacts and grade boundaries. A nominal grade cut-off of 15%DTR is a natural grade boundary between magnetite lenses and disseminated wall-rocks. This cut-off was used to help define the mineralised envelope within which the higher-grade sub domains were interpreted. 3D wireframes were used to code the drilling intersects and select samples within each domain.

The North Pit 2022 wireframing utilised the recent drilling completed in 2022. The updated domains contained less discreet lens of internal low grade and internal waste but more low-grade and waste incorporated into the Main Ore Zone Domain (MOZ). The updated wireframes for the MOZ and Western Lens (WL) resulted in a slight increase in tonnes. Category Indicator Kriging (CIK) was run on MOZ domain to discriminate high grade (>35% DTR), low grade (35% < 15% DTR) and internal waste domains. Geologists completed a review the adjusted wireframes and resolved interpretation conflicts between MOZ and WL.

Sample data at Savage River were generally composited to 1 metre down hole length using a best fit-compositing method. Residual samples (those composite intervals for which there was less than 75% of the composite length) were considered biased and hence were not included in the estimate.

Block models were prepared for each part of the deposit using Surpac Software. Block sizes at Savage River are:

- North Pit 5mE by 5mN by 5mRL parent block size with sub-celling to 2.5mE by 2.5mN by 2.5mRL for North Pit,
- Centre Pit 5mE by 15mN by 5mRL parent block size with sub-celling to 2.5mE by 3.75mN by 2.5mRL
- Long Plains were assigned a 10mE by 25mN by 10mRL parent block size with sub-celling to 1.25mE by 6.25mN by 2.5mRL owing to the thinner mineralised magnetite lenses at Long Plains.

Models were estimated using Ordinary Kriging for the main deposits with Inverse Distance Cubed weighting estimation techniques employed for the Sprent pit resource. Geostatistical analysis, including variography studies to develop spatial estimation parameters were prepared for each of the major areas of mineralisation by Optiro Consultants. These parameters were used to assist in the classification of the resource. The Snowden Optiro estimate for North Pit was completed in 2022 and is used for this report.

Mineral Resources have been classified on the basis of confidence in geological and grade continuity using the drilling density, geological model, modelled grade continuity and conditional bias measures (kriging efficiency where available). Assessment for Reasonable Prospects of Eventual Economic Extraction (RPEEE) was undertaken and based on a review of mineable shapes by open cut or underground methods and economic viability at historical market highs. Areas below a pit shell with




unlikely prospectivity or for extraction from underground with a true width less than 20 metres were manually removed.

Block model validation results show good correlation between the input data to the estimated grades. The mineralised domains have demonstrated sufficient geological and grade continuity to support the definition of a Mineral Resource, and classifications were applied under the guidelines of the JORC Code (2012 Edition).

There has been no material change to the Centre Pit Mineral Resource since the last statement. There are 6 new drillholes that will be included in the 2023 resource estimate and it is not anticipated to amount to a material change.

There have been no other changes over the last year to the Mineral Resource for South Deposit, Sprent or Long Plains.

Oxidised hematite mineralisation is not included in the any of the resource estimation.

Mineral Resources at the Savage River Mine including Long Plains are as at the end of December 2022. Mineral Resources are categorised in accordance with the guidelines established in the JORC Code (2012 Edition). Estimated Measured and Indicated Mineral Resources are inclusive of those Mineral Resources modified to produce the estimated Ore Reserves.

Some Mineral Resources such as, Sprent and Long Plains have not had the required level of studies completed to report any Ore Reserves associated with those deposits. They are considered to meet the Mineral Resource requirement of having reasonable prospects of future eventual economic extraction.




ORE RESERVES

Measured and Indicated Mineral Resources are considered for conversion to Ore Reserves, based on assessment against an optimised pit design and with respect to the modifying factors. The Mineral Resource is inclusive of the Ore Reserve.

The Ore Reserve estimation for Savage River includes Mineral Resources from North Pit and Centre Pit. Ore Reserves were developed as part of Feasibility Studies completed in September 2006 and a further feasibility study on Centre Pit was completed in October of 2019. Ore Reserves have continued to be developed during the annual review of the Savage River Life of Mine Plan.

Pit designs are based on optimised shells determined using Geovia Whittle software. The cut-off grade of 15%DTR was determined as part of feasibility studies and is reviewed periodically. Current mining and recovery factors are applied to account for mining practices of conventional bulk mining methods utilizing hydraulic face shovels, excavators, dump trucks and conventional drill and blast processes. These are based on reconciliations calculated periodically for the different areas of the deposit. Metallurgical factors are applied to account for mill performance. The overall pit slope criteria used for the design and optimisation are based on ongoing geotechnical studies which are reviewed and updated on an annual basis as part of Grange Resource's Life of Mine Planning process.

Between Dec 2021 and Dec 2022 Ore Reserves at North pit reduced by 4.4 million tonnes to 65.5 million tonnes, due to mining depletion. Proven Reserves reduced by 0.5 million tonnes and Probable Reserves decreased by 3.9 million tonnes. This movement is owing to a decision to classify all ore reserves within the final west wall cut back of North Pit as meeting the lower confidence classification of a Probable Ore Reserve. Total North Pit Ore Reserves less mining depletion remain in line with previous reports.

The Tasmanian EPA issued final approval for Centre Pit mining in Q2, 2022. Obtainment of the approval has allowed the upgrading of some Probable Ore Reserves in Stage 2 and 3 of Centre Pit to meet the requirements of Proven Ore Reserves.

Estimates of Ore Reserves at the Savage River Mine are as at the end of December 2022. Ore Reserves are categorised in accordance with the guidelines established in the JORC Code (2012 Edition). The following tables represent the Mineral Resource for each part of the deposit. In each case, elemental compositions were measured from Davis Tube Concentrate. A cut-off of 15%DTR was used in the calculation of Ore Reserves.




MINERAL RESOURCE ESTIMATE BY DEPOSIT

The following tables represent the Mineral Resource for each part of the deposit. In each case, elemental compositions were measured from Davis Tube Concentrate. A cut-off of 15%DTR was used in the calculation of Mineral Resources.

Table 3 North Pit Mineral Resources December 2022

	Measured Resources	Indicated Resources	Inferred Resources	TOTAL Resources
Tonnes (Mt)	126.0	76.1	37.7	239.8
DTR (%)	53.6	39.2	36.7	46.4
Fe (%)	67.8	67.7	68.0	67.8
Ni (%)	0.03	0.04	0.04	0.04
TiO_2 (%)	0.95	0.90	0.91	0.93
MgO (%)	2.01	1.66	1.68	1.85
P (%)	0.004	0.006	0.004	0.005
V (%)	0.35	0.34	0.33	0.34
S (%)	0.04	0.08	0.06	0.06

Table 4 South Deposit Mineral Resources December 2022

	Measured Resources	Indicated Resources	Inferred Resources	TOTAL Resources
Tonnes (Mt)	2.0	3.8	5.2	11.0
DTR (%)	40.3	47.9	49.1	47.1
Fe (%)	67.0	67.7	67.7	67.6
Ni (%)	0.07	0.07	0.06	0.07
TiO_2 (%)	0.57	0.64	0.67	0.64
MgO (%)	2.03	1.70	1.51	1.67
P (%)	0.010	0.010	0.010	0.010
V (%)	0.27	0.28	0.28	0.28
S (%)	0.13	0.15	0.15	0.15




Table 5 Centre Pit Mineral Resources December 2022

	Measured Resources	Indicated Resources	Inferred Resources	TOTAL Resources
Tonnes (Mt)	40.1	65.2	14.0	119.3
DTR (%)	51.9	47.1	45.4	48.5
Fe (%)	68.3	68.3	68.4	68.3
Ni (%)	0.05	0.05	0.04	0.05
TiO_2 (%)	0.43	0.45	0.43	0.44
MgO (%)	1.20	1.18	1.00	1.17
P (%)	0.010	0.010	0.010	0.010
V (%)	0.39	0.38	0.33	0.38
S (%)	0.16	0.15	0.17	0.16

Table 6 Sprent Mineral Resources December 2022

	Measured Resources	Indicated Resources	Inferred Resources	TOTAL Resources
Tonnes (Mt)	0.0	2.1	0.3	2.4
DTR (%)	0.0	51.1	49.8	51.0
Fe (%)	0.0	69.6	70.8	69.8
Ni (%)	0.00	0.06	0.02	0.06
TiO_2 (%)	0.00	0.50	0.18	0.46
MgO (%)	0.00	0.75	0.47	0.72
P (%)	0.000	0.008	0.010	0.008
V (%)	0.00	0.43	0.46	0.44
S (%)	0.00	0.27	0.06	0.24




Table 7 Long Plain Mineral Resources December 2022

	Measured Resources	Indicated Resources	Inferred Resources	TOTAL Resources
Tonnes (Mt)	0.0	25.4	82.2	107.6
DTR (%)	0.0	33.9	35.6	35.2
Fe (%)	0.0	68.9	69.4	69.3
Ni (%)	0.00	0.05	0.03	0.03
TiO_2 (%)	0.00	0.63	0.56	0.57
MgO (%)	0.00	0.91	0.92	0.91
P (%)	0.000	0.004	0.007	0.007
V (%)	0.00	0.33	0.36	0.35
S (%)	0.00	0.05	0.07	0.07

Table 8 Stockpile Mineral Resources December 2022

Stockpiles-Measured	Tonnes (Mt)	Grade (%DTR)
Crushed Ore	0.09	45.6
In-pit Broken stocks	4.80	46.5
Total	4.89	46.5

Table 9 Total Mineral Resources Savage River December 2022

	Measured Resources	Indicated Resources	Inferred Resources	TOTAL Resources
Tonnes (Mt)	173.0	172.6	139.4	485.0
DTR (%)	51.5	41.8	37.4	44.5
Fe (%)	67.9	68.1	68.8	68.3
Ni (%)	0.04	0.05	0.03	0.04
TiO2 (%)	0.82	0.68	0.64	0.72
MgO (%)	1.82	1.36	1.15	1.46
P (%)	0.006	0.007	0.007	0.007
V (%)	0.36	0.35	0.35	0.35
S (%)	0.07	0.11	0.08	0.09

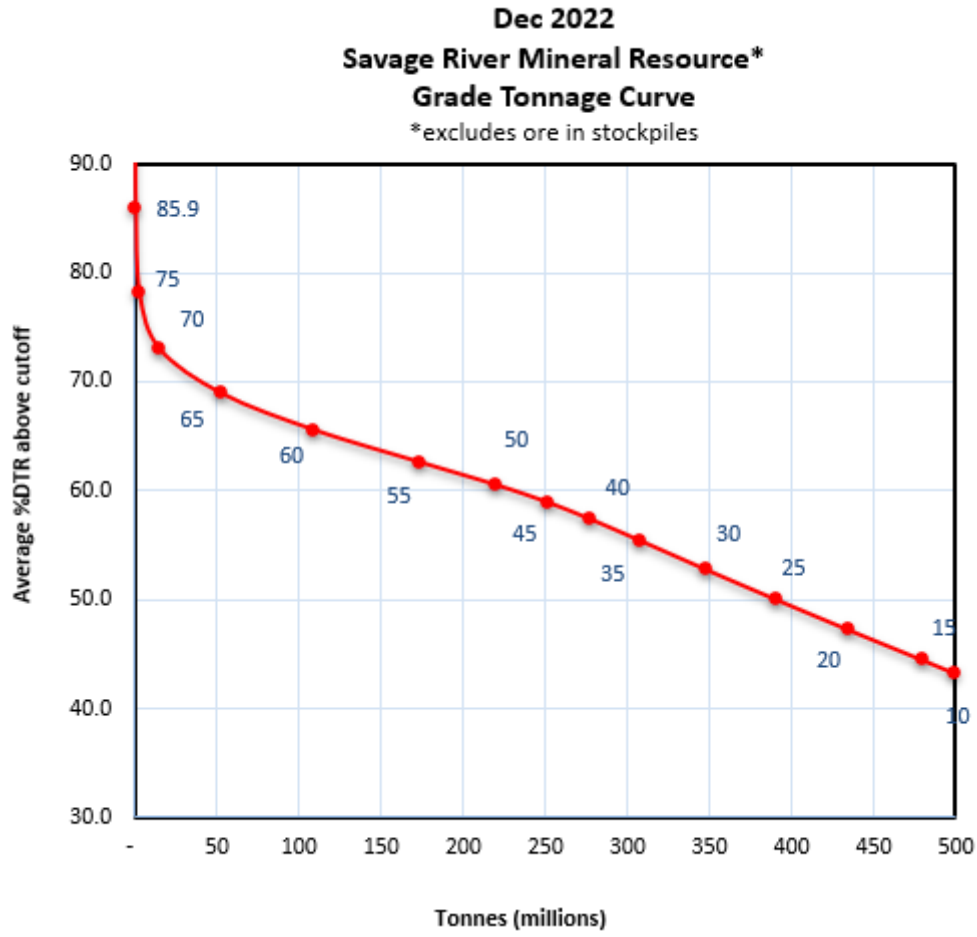

Figure 4 Total Resources Grade Tonnage Curve December 2022




ORE RESERVE ESTIMATE BY DEPOSIT

Estimates of Ore Reserves at the Savage River Mine are as at the end of December 2022. Ore Reserves are categorised in accordance with the guidelines established in the JORC Code (2012 Edition). The following tables represent the Ore Reserves for each part of the deposit. In each case, elemental compositions were measured from Davis Tube Concentrate. A cut-off of 15% DTR was used in the calculation of Ore Reserves.

Table 10 North Pit Ore Reserve Estimate December 2022

	Proved Reserves	Probable Reserves	TOTAL Reserves
Tonnes (Mt)	47.4	18.1	**65.5**
DTR (%)	51.1	40.1	**48.1**
Fe (%)	67.8	67.2	**67.7**
Ni (%)	0.03	0.04	**0.03**
TiO_2 (%)	0.95	0.87	**0.93**
MgO (%)	1.92	1.98	**1.94**
P (%)	0.005	0.006	**0.005**
V (%)	0.36	0.33	**0.35**
S (%)	0.04	0.08	**0.05**

Table 11 Centre Pit Ore Reserves - December 2022

	Proved Reserves	Probable Reserves	TOTAL Reserves
Tonnes (Mt)	16.7	9.6	26.3
DTR (%)	44.9	40.0	43.1
Fe (%)	68.9	68.1	68.6
Ni (%)	0.05	0.05	0.05
TiO_2 (%)	0.43	0.39	0.42
MgO (%)	1.12	1.40	1.22
P (%)	0.008	0.015	0.011
V (%)	0.45	0.40	0.43
S (%)	0.13	0.16	0.14




Table 12 Stockpiles Ore Reserves December 2022

Stockpiles-Measured	Tonnes (Mt)	Grade (%DTR)
Crushed Ore	0.09	45.6
In-pit Broken stocks	4.80	46.5
Total	4.89	46.5

Table 13 Total Ore Reserves Savage River December 2022

	Proved Reserves	Probable Reserves	TOTAL Reserves
Tonnes (Mt)	69.0	27.7	96.7
DTR (%)	49.3	40.1	46.7
Fe (%)	68.1	67.5	67.9
Ni (%)	0.03	0.04	0.04
TiO_2 (%)	0.81	0.71	0.78
MgO (%)	1.71	1.78	1.73
P (%)	0.006	0.009	0.007
V (%)	0.38	0.36	0.38
S (%)	0.06	0.10	0.08




MINERAL RESOURCE & ORE RESERVE GOVERNANCE

In accordance with ASX Listing Rule 5.21.5, governance of the development and management of Grange's Mineral Resource and Ore Reserve is a key responsibility of Senior Management.

Grange's senior staff designated with responsibility for internal review of the JORC Mineral Resources and Ore Reserves include:

- Roger Hill – Senior Geology Manager
- Matthew Anderson - Savage River Mine Manager
- Nicholas van der Hout – Technical Services Manager
- Ben Maynard – Chief Operating Officer

These staff oversee the planning and implementation of exploration and resource evaluation programs. The evaluation process incorporates internal skills and knowledge in operation and project management, downstream processing, and commercial/financial areas of the business.

The Chief Operating Officer, in consultation with senior staff, facilitates the planning, monitoring, and the estimation and reporting of resources and reserves. The process is reviewed by an internal peer review team. External consultants are also utilised to supplement internal resources in the estimation process, with independent technical review undertaken as required.

Mineral Resource and Ore Reserve reporting is based on substantiated geological and mining assumptions and prepared in accordance with the Australasian Joint Ore Reserves Committee (JORC) Code 2012.

Grange reports Mineral Resources and Ore Reserves on an annual basis. Competent Persons named are members of the Australasian Institute of Mining and Metallurgy (AusIMM) and qualify as Competent Persons as defined in the JORC Code 2012.

COMPETENT PERSON STATEMENT

The information in this report that relates to Mineral Resources and Ore Reserves is based on information compiled by Mr Ben Maynard, a Competent Person who is a Member of The Australasian Institute of Mining and Metallurgy. Mr Maynard is a full-time employee, holds shares in Grange Resources, and is eligible to participate in short- and long-term incentive schemes.

Mr Maynard has sufficient experience which is relevant to the style of mineralisation and type of deposit under consideration and to the activity being undertaken to qualify as a Competent Person as defined in the 2012 Edition of the 'Australasian Code for Reporting of Exploration Results, Mineral Resources and Ore Reserves'.

Mr Maynard consents to the inclusion in the report of the matters based on his information in the form and context in which it appears.




ABOUT GRANGE RESOURCES

Grange Resources Limited (Grange or the Company), ASX Code: GRR, is Australia's most experienced magnetite producer with over 55 years of mining and production from its Savage River mine and has a projected mine life beyond 2035. Grange produces a high-quality iron ore pellet with low levels of impurities that support reduced environmental impacts for end users.

Grange's operations consist principally of owning and operating the Savage River integrated iron ore mining and pellet production business located in the north-west region of Tasmania. The Savage River magnetite iron ore mine is a long-life mining asset. At Port Latta, on the north-west coast of Tasmania, Grange owns a downstream pellet plant and port facility producing more than two million tonnes of premium quality iron ore pellets annually.

Grange has a combination of spot and contracted sales arrangements in place to deliver its pellets to customers throughout the Asia Pacific region. In addition, Grange is a majority joint venture partner in a major magnetite development project at Southdown, near Albany in Western Australia.

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APPENDIX A - JORC TABLE 1 SAVAGE RIVER

Note: All comments refer to all deposits on the Savage River Mining Lease; comprising North Pit, Centre Pit North, Centre Pit South, Sprent and South Deposit (and to Long Plains on an adjacent exploration lease) unless individually identified as being related to a particular prospect.

SECTION 1: SAMPLING TECHNIQUES AND DATA

Criteria	Sampling Techniques and Data	Comments
Sampling techniques	• Nature and quality of sampling (e.g. cut channels, random chips, or specific specialised industry standard measurement tools appropriate to the minerals under investigation, such as down hole gamma sondes, or handheld XRF instruments, etc.). These examples should not be taken as limiting the broad meaning of sampling. • Include reference to measures taken to ensure sample representivity and the appropriate calibration of any measurement tools or systems used. • Aspects of the determination of mineralisation that are Material to the Public Report. In cases where 'industry standard' work has been done this would be relatively simple (e.g. 'reverse circulation drilling was used to obtain 1 m samples from which 3 kg was pulverised to produce a 30 g charge for fire assay'). In other cases more explanation may be required, such as where there is coarse gold that has inherent sampling problems. Unusual commodities or mineralisation types (e.g. submarine nodules) may warrant disclosure of detailed information.	• The deposits were sampled using diamond drilling (DD) with limited Reverse Circulation (RC) pre-collaring. Drilling was conducted on approximately 50-100m spaced sections orientated perpendicular to the overall orebody strike. On section spacing (down-dip) varies but is commonly 50-70m. The mineralisation is sub-vertical, and the holes are typically inclined at -60°. • All recent samples are assayed for DTR, Fe^{2+}, Total Fe, Ni, TiO_2, MgO, P, V, S, CaO, SiO_2 and Al_2O_3. • The drill hole locations are surveyed, and down-hole surveys were completed. • Diamond core was used to obtain the best possible sample quality for lithology, structural, grade and density information. • Drilling of Diamond core was a combination of HQ and NQ sizes. All resource drilling has been drilled with triple tube equipment since 2005. • Samples were controlled based on geological contacts and generally no more than 2m in length. Sample selection was nominally >=0.75m and <=1.25m. • All core samples were half cored. Core was split by diamond sawing. • Samples were dried, crushed, split and pulverised to nominally 98% passing 75µm for Davis Tube Recovery (DTR) determination.
Drilling techniques	• Drill type (e.g. core, reverse circulation, open-hole hammer, rotary air blast, auger, Bangka, sonic, etc.) and details (e.g. core diameter, triple or standard tube, depth of diamond tails, face-sampling bit or other type, whether core is oriented and if so, by what method, etc.).	• Samples used in the resource estimation were taken from diamond drill core of either HQ or NQ size or RC samples. • 80% of holes informing the resource were diamond holes and 13% were reverse circulation (RC) holes. 5% of the total were percussion holes (isolated to CP resource) and 2% other hole types.
		• RC pre-collars were used in only 16% of the Long Plains campaign 2011-2013 to reduce drilling cost. RC was drilled to refusal and holes completed with diamond tails. (10 holes for 2,592m drilling in 2012-3)




Criteria	Sampling Techniques and Data	Comments
		• Sonic pre-collars were used in the 2018 CP drilling campaign to penetrate waste dumps over-lying the remaining ore in Centre Pit North. Sonic pre-collars were typically 50-80m in inclined HQ3 diamond holes. (9 holes for 1,862m drilled in 2018) • Where appropriate core was oriented using triple tube drilling techniques and employing Reflex orientation system on drill rigs.
Drill sample recovery	• Method of recording and assessing core and chip sample recoveries and results assessed. • Measures taken to maximise sample recovery and ensure representative nature of the samples. • Whether a relationship exists between sample recovery and grade and whether sample bias may have occurred due to preferential loss/gain of fine/coarse material.	• Core recoveries were recorded in the geotechnical logs and in the sample records. • Core recoveries in the ore zones at Savage River are generally high (>90%) and there are no significant core recovery issues. Drill core from the 2018-2022 drilling programs returned an average of 97% core recovery. • RC chip recoveries are also high. Recoveries below 80% have been recorded in the sample sheets. These poorer recoveries were typically in very wet holes. Most RC holes terminate when they encounter the water table and thereafter, diamond tails are utilised to finish the hole. • Drilling penetration rates were controlled in order to maximise recovery in ore zones. • No relationship between sample recovery and grade is known at Savage River.
Logging	• Whether core and chip samples have been geologically and geo-technically logged to a level of detail to support appropriate Mineral Resource estimation, mining studies and metallurgical studies.	• Core samples from all deposits have been logged for lithology, mineralogy, alteration and mineralisation. • Geotechnical logging is undertaken routinely. detailed geotechnical logging is completed on oriented holes. Holes since 2018 are fully geotechnically oriented, logged including domain and structural defects. Logging is both qualitative and quantitative. • The level of detail is sufficient to support Mineral Resource estimation, mining studies and metallurgical studies.
	• Whether logging is qualitative or quantitative in nature. Core (or costean, channel, etc.) photography. • The total length and percentage of the relevant intersections logged.	• Logging is a combination of qualitative and quantitative. • Core was photographed wet and dry. No photos were available for the oldest core. • All core and RC chips were fully logged.
Sub-sampling techniques and sample preparation	• If core, whether cut or sawn and whether quarter, half or all core taken.	• Core was half core sampled as standard practice and rarely full core sampled in the very few older holes. • Core was cut using a diamond impregnated saw blade on site at the Savage River core farm. • Core is cut on the centre axis and has no offset. The ore is relatively massive and the preferred orientation for core sawing is just left of the orientation line and along the centre line for non-oriented core. .




Criteria	Sampling Techniques and Data	Comments
	• If non-core, whether riffled, tube sampled, rotary split, etc. and whether sampled wet or dry.	• RC samples passed through a cyclone with dust collector and were split at the drill rig using a three stage riffle splitter or a rig mounted con splitter. • Sample interval was 1m in recent programs and 2m in programs prior to 2000. • For non-core, samples are dry riffled and sampled dry. When RC sample was damp, samples were speared uniformly.
	• For all sample types, the nature, quality, and appropriateness of the sample preparation technique.	• Sample preparation techniques are industry standard for magnetite ores and use the sub-sampling protocol as recommended by the Savage River laboratory. • Sample prep on drill core drilled prior to 2011 was completed on site. • Between 2011-2013 sample prep was completed at a commercial lab [NATA accredited]. • In 2013 the Savage River lab upgraded the crushers and ovens and since then all core has been processed at the Savage River lab.
	• Quality control procedures adopted for all sub-sampling stages to maximise the representativeness of samples.	• As per standard operating procedure diamond core is dried and crushed according to Grange standard operating procedure, Diamond core was dried overnight in an oven at 1100C, crushed in a jaw crusher to 6mm, crushed in a Rolls crusher to 3mm. • Since 2011 a Boyds crusher was installed in the lab enabling this comminution step to crush to 2mm. Following secondary crushing, the samples are riffle split to 2-3kg then a 150 gram sample is pulverised using a Rocklabs 3 ring grinder. • RC chips were riffle split at the rig when dry and a 3kg sample was taken for each single metre drilled as described above. When RC sample was damp, samples were speared uniformly.
	• Measures taken to ensure that the sampling is representative of the in situ material collected, including for instance results for field duplicate/second-half sampling.	• Field QC procedures for RC and diamond samples involve the insertion of assay standards at a rate of 1 in 25. Standards were derived from the 2006 MLEP drilling campaign and by commercially prepared standards since then in North Pit Savage River. • No duplicates or blanks have been taken except 27 field duplicates taken in the 2006 MLEP program which equates to 0.15% of all samples have duplicates and 0.4% have blanks. Duplicate samples have not been taken as they are deemed of little importance in this deposit due to the continuous nature of the mineralisation, very low nugget and long variography ranges.
	• Whether sample sizes are appropriate to the grain size of the material being sampled.	• The sample sizes are considered to be appropriate based on the style of mineralisation, the thickness and consistency of the intersections and assay range for the primary analysis (% recoverable magnetite concentrate).




Criteria	Sampling Techniques and Data	Comments
Quality of assay data and laboratory tests	• The nature, quality and appropriateness of the assaying and laboratory procedures used and whether the technique is considered partial or total.	• The primary assay technique is Davis Tube Recovery (DTR) on a 10g sample, followed by Ferrous Iron (Fe^{2+}) via Satmagan and S, total Fe, TiO_2, MgO, V, P, S and Ni via XRF on the Davis Tube Concentrate (DTC). • All techniques are considered total. DTR is the most appropriate assay technique for determination of magnetite recovery. • All DTR samples completed on site using Savage River technique. This technique has been used for 50 years at Savage River and pit reconciliations are within accepted tolerance.
	• For geophysical tools, spectrometers, handheld XRF instruments, etc., the parameters used in determining the analysis including instrument make and model, reading times, calibrations factors applied and their derivation, etc.	• Magnetic susceptibility instruments are used for initial geological logging to help the geologist classify the logged interval as ore grade or waste. • Grange uses TerraPlus KT-10 MagSus meters to classify ore and provide an indicative grade estimate ahead of DTR analysis. Ore samples have sample prep, DTR and XRF determinations done and these inform the resource estimate. • No mag sus values are used in the resource estimate.
	• Nature of quality control procedures adopted (e.g. standards, blanks, duplicates, external laboratory checks) and whether acceptable levels of accuracy (i.e. lack of bias) and precision have been established.	• Standards- Field assay standards are inserted at a rate of 1 in 25 in drilled core and RC through ore zones. • No field duplicates were analysed. Pulp duplicates have been collected for drillholes completed between 2019-2020. Blank material is inserted into the drillcore sample stream at a rate of 1:20 drill core samples. The blank material has been sourced from the Magnesite Fault which is known to have no magnetic minerals present. • Data analysis of standards has been performed and the data demonstrates sufficient accuracy and precision for use in Mineral Resource estimation. • Three Standards were derived from 2006 MLEP drilling campaign and a commercial standard was purchased in 2019 for use in the 2019-2022 drill campaigns at Savage River. Standards for recent Centre Pit and North Pit drill campaigns (2013 onwards) were prepared on site by a staff geo-chemist and are sourced from core from Long Plains. • Results to date show good agreement with expected value which implies that the lab is producing accurate and repeatable analyses. • Results from the 2006 Mine Lease Extension Project (MLEP) campaign showed a correlation coefficient of 1.00 for 27 pairs of data
Verification of sampling and assaying	• The verification of significant intersections by either independent or alternative company personnel.	• Significant intersections MagSus readings) are verified by alternate company geologists present in the core shed as part of the process of developing the cut-sheet instruction. • The cut sheet defining sample lengths for cutting and sampling is selected based on the MagSus values




Criteria	Sampling Techniques and Data	Comments
	• The use of twinned holes.	• No twinned holes have been drilled. Twinned holes have not been drilled as they are deemed of little importance in this deposit due to the continuous nature of the mineralisation, very low nugget and long variography ranges.
	• Documentation of primary data, data entry procedures, data verification, data storage (physical and electronic) protocols.	• Prior to 2005 Primary data is captured in paper format and transferred manually to an Access database. • From 2005 Primary data was captured directly to standard template Microsoft Excel log sheets using tough book laptops with standard logging codes and data entry control. • The data is verified by the geologist and then loaded into the central (project-wide) database. • From July 2019 logged data is captured directly in DataShed-LogChief software with validation controls.
	• Discuss any adjustment to assay data.	• Adjustments are made to density measurements when measurements fall above 5 or below 2 g/cm^3 respectively as these considered as sample errors and recent studies of these outliers confirmed that the measurements were un-reliable. • In the drilling campaigns since 2019 a small proportion of the parent sample were excluded for destructive geotechnical testing prior to assay. These represent <1% of all the composite assays and will have no material effect on the estimate. • Extensive use of re-submitted pulps has been used in the past for NP, especially in the 2006 drill campaign.
Location of data points	• Accuracy and quality of surveys used to locate drill holes (collar and down-hole surveys), trenches, mine workings and other locations used in Mineral Resource estimation.	• All significant surface features including drill collars were surveyed by Grange staff surveyors using a combination of conventional surveying (total station) and/or high resolution RTK GPS. • In each case, the collars were located to within 100mm in X, Y and Z. • For downhole surveys, older drilling used single-shot Eastman dips at 50m spacing downhole (accurate to 0.5°). • Since 2013 North seeking gyro was used prior to the use of the DeviFlex downhole survey tool. • The stated accuracy for DeviFlex is +/- 0.01° per station in azimuth and +/- 0.1° in dip, with stations every 3m downhole.
	• Specification of the grid system used.	• The grid system used is the Savage River Mine Grid, where: ○ 10^0 18’ 23” (N) SRG= 0^0 (N) GDA94
	• Quality and adequacy of topographic control.	• The topographic surface in the vicinity of the deposit was surveyed by Grange staff surveyors using a combination of conventional surveying (total station) and/or high resolution RTK GPS. In each case, the data points are located to within 100mm in X, Y and Z and the point spacing is approximately 5m in X and Y. For areas further away from the deposit, LIDAR data is used.




Criteria	Sampling Techniques and Data	Comments
Data spacing and distribution	• Data spacing for reporting of Exploration Results.	• For Deposits on the Savage River Mine lease the nominal drill hole spacing is 50m (between sections) and by 50-70m (on section). • Drill spacing at Long Plains is wider given that the parts of the resource are at an early stage of delineation. Indicated Mineral Resources at Long Plains have been defined generally in areas of 50 by 50 m drill spacing. • Inferred Mineral Resources at Long Plains have been defined in areas of 100x100 metre up to 600x100 metre drill spacing.
	• Whether the data spacing, and distribution is sufficient to establish the degree of geological and grade continuity appropriate for the Mineral Resource and Ore Reserve estimation procedure(s) and classifications applied. • Whether sample compositing has been applied.	• Data spacing and distribution were analysed using semi-variograms. The general quality of the experimental variograms was good. The ranges of the variograms were used to provide guidance for resource classification. • Samples have been composited prior to geostatistical analysis and Mineral Resource estimation. At Savage River Mine, for the 2006 MLEP the composite length was 2m. At Long Plains, the composite length was 1m. The most common composite length was 1m and the second most common was 2m. For the resource estimates, the Surpac best-fit algorithm was used which resulted in composite lengths of 0.5 to 1.5m. This approach was adopted because a selection of a uniform composite length would have resulted in duplicated values in composites created from longer intervals, which may reduce the nugget values in variograms.
Orientation of data in relation to geological structure	• Whether the orientation of sampling achieves unbiased sampling of possible structures and the extent to which this is known, considering the deposit type.	• The majority of drill holes are oriented to achieve intersection angles as close to perpendicular to the mineralization as is practicable.
	• If the relationship between the drilling orientation and the orientation of key mineralised structures is considered to have introduced a sampling bias, this should be assessed and reported if material.	• No significant sampling bias occurs in the data due to the orientation of drilling with regards to mineralized structures/bodies.
Sample security	• The measures taken to ensure sample security.	• All samples are logged and bagged on site by Grange geological staff and chain of custody remains with Grange staff.
Audits or reviews	• The results of any audits or reviews of sampling techniques and data.	• During the Mine Life Extension Project in 2006 AMC peer reviewed the NP resource for the mine life extension project (MLEP). • Following recent major drill campaigns, the resource was reviewed by AMC (March 2019, August 2019 and October 2020). • A sample prep audit was conducted for the external provider. An internal review of the SR lab was completed in June 2019. That review was satisfied with procedures, calibration sand methods.




Criteria	Sampling Techniques and Data	Comments
		• In 2019, AMC peer reviewed the NP and CP Resources and CP Reserves. Their comments for EOY2018 noted QA/QC practices at Savage River were to an acceptable standard, with recommendations: o There is opportunity to improve QA/QC by including external umpire check assays as a means of further validation. o It was recommended to continue submitting standards and add duplicate and blank samples at a rate of 5% particularly when drilling new areas. • During the 2019-22 drilling campaigns these recommendations were adopted including a migration of all exploration data to the DataShed database.




SECTION 2: REPORTING OF EXPLORATION RESULTS

Criteria	*JORC Code explanation*	*Commentary*
Mineral tenement and land tenure status	• Type, reference name/number, location and ownership including agreements or material issues with third parties such as joint ventures, partnerships, overriding royalties, native title interests, historical sites, wilderness or national park and environmental settings. • The security of the tenure held at the time of reporting along with any known impediments to obtaining a licence to operate in the area.	• 4 Mining and 2 exploration leases are held in Tasmania and are 100% owned by Grange Resources Tasmania Ltd. (formerly Goldamere Proprietary Ltd operating as Australian Bulk Minerals). • Mining lease 2M/2001 was granted 11/12/2001 comprising 4,987 hectares which includes the main orebodies North Pit (NP), South Lens (SL), Centre Pit (CP), Sprent (SP) and South Deposit (SD) and the pipeline corridor from site to the Port Latta pellet plant. Locality is listed as Savage River-Port Latta. This lease expires 7 Nov 2031 and currently has a security bond held by the State of Tasmania. • Land tenure on ML 2M /2001 includes State forest, Forest Reserve, Informal reserve, Crown Land, Private parcel, Conservation area, Regional Reserve and national Estate. • Mining lease 14M/2007 was granted 14/5/2008 comprising 91 hectares as an easement (including a sewerage easement) on the Savage River townsite. This lease expires 7 Nov 2031, and no bond is held by the State of Tasmania. Land tenure on ML 14M/2007 includes Forest Reserve, Regional Reserve, Private land, Proposed public reserve-CLAC, Crown land Authority Land and Crown Land • 4M/2019 (235Ha) was granted 17 August 2020 and expires 7/10/2031. This portion was relinquished from EL8-2014. This expires 7/10/2031. A bond is held by the State of Tasmania. • Mining lease 11M/2008 was renewed on 18 December 2017 and expires 7/10/2031 and comprises two lots totalling 108 hectares with the northwest area required for the South Deposit Tailings Storage facility on Main Creek and the eastern lot required to cover the remaining part of the Savage river town ship not previously covered by a mining lease. A bond is held by the State of Tasmania. • The term for Exploration Licence EL8/2014 was extended in 2021 until 2023. • Exploration License EL30/2003 was granted in February 2010 and a seventh extension of term has been granted on 5th July 2021 and expires on 18 June 2023. This lease covers the entire Long Plains deposit. The lease comprises 38 sq km and adjoins 2M/2001 to the north.
Exploration done by other parties	• Acknowledgment and appraisal of exploration by other parties.	• Systematic exploration commenced during the late 1950's with the Bureau of Mineral Resources conducting airborne & ground magnetic surveys to delineate Savage River & two smaller anomalies south at Long Plains & Rocky River.




Criteria	*JORC Code explanation*	*Commentary*
		• Diamond drilling commenced in the late 1950's-early 1960's by Industrial & Mining Investigations Pty Ltd (8 holes). Savage River Mines Ltd formed in 1965 as a JV to develop the project and mined Savage River for the next 30 years before Australian Bulk Minerals (ABM – now Grange) took over the mine lease in 1997.
Geology	• Deposit type, geological setting, and style of mineralization.	• The Savage River Magnetite deposit lies within and near the eastern margin of the Proterozoic Arthur Metamorphic Complex in north-western Tasmania. This complex is exposed along a northeast–southwest trending structural corridor, The Arthur Lineament, which separates Proterozoic sedimentary rocks to the northwest from a variety of Paleozoic rocks to the southeast (Turner 1990). These Paleozoic rocks include some major mafic and ultramafic intrusive complexes which lie just to the east of Savage River. • The magnetite orebodies are enclosed within a highly sheared and strike faulted belt of mafic and ultramafic schists and mylonite. This belt is 0.5km wide, strikes North-north-east to south-south-west, and is enclosed in a thick sequence of quartz-white mica schist (Whyte schist). Magnetite ore is almost entirely confined within ultramafic rocks, specifically serpentinite and talc-carbonate schist. These ore-bearing ultramafic rocks are exposed in an axial zone above the belt, ranging from about 40 to 100m wide and termed the Main Ore Zone. They also form rare, and much narrower (mostly <20m wide) lenses and layers in the mafic sequence to the west. • Magnetite ore ranges from disseminated to massive, with much of the main Ore Zone comprising massive to semi-massive magnetite form 1994 Thornett report on structural and lithological mapping of North Pit and South Lens.
Drill hole Information	• A summary of all information material to the understanding of the exploration results including a tabulation of the following information for all Material drill holes: ○ easting and northing of the drill hole collar ○ elevation or RL (Reduced Level – elevation above sea level in metres) of the drill hole collar ○ dip and azimuth of the hole ○ down hole length and interception depth ○ hole length. • If the exclusion of this information is justified on the basis that the information is not Material and this exclusion does not detract from the understanding of the report, the Competent Person should clearly explain why this is the case.	• The Savage River deposit has been mined for over 55 years and a comprehensive database of 1056 drill holes for over 171,123m* drilling completed between 1957 and 31 December 2022. *Includes diamond, RC and Diamond tail and excludes costean, mapping, percussion, probe, sonic and sludge drilling types. • Drill hole information has been included in Appendix C




Criteria	*JORC Code explanation*	*Commentary*
Data aggregation methods	• In reporting Exploration Results, weighting averaging techniques, maximum and/or minimum grade truncations (e.g. cutting of high grades) and cut-off grades are usually Material and should be stated. • Where aggregate intercepts incorporate short lengths of high-grade results and longer lengths of low grade results, the procedure used for such aggregation should be stated and some typical examples of such aggregations should be shown in detail. • The assumptions used for any reporting of metal equivalent values should be clearly stated.	• Davis Tube Recovery ("DTR") analyses were conducted on core and RC chips that had first had an estimated grade determined by magnetic susceptibility (mag-sus). If the mag-sus indicated an estimated grade greater than 15% DTR, the analytical DTR technique was used for assay. • For RC samples, 2m or less composites were used at Savage River and 1m composites were used at Long Plains. In drill core, sample lengths were controlled based on observed geological contacts and generally no more than 2m in length. Sample selection was nominally >=0.75m and <=1.25m. • Short intervals were sampled, where discrete lithologies were present. The compositing routine aggregates these to 1m composites.
Relationship between mineralization widths and intercept lengths	• These relationships are particularly important in the reporting of Exploration Results. • If the geometry of the mineralization with respect to the drill hole angle is known, its nature should be reported. • If it is not known and only the down hole lengths are reported, there should be a clear statement to this effect (e.g. 'down hole length, true width not known').	• No Exploration Results are included in this report. The results pertain to the established Mineral Resource at Savage River and Long Plains. • All intercepts are reported as down hole lengths and the down hole composites are used to inform the ordinary kriged resource estimate. Refer to intercept tables below.
Diagrams	• Appropriate maps and sections (with scales) and tabulations of intercepts should be included for any significant discovery being reported These should include, but not be limited to a plan view of drill hole collar locations and appropriate sectional views.	• A locality plan (figure 5) and typical cross sections (figure 6-10) for each deposit area are attached.
Balanced reporting	• Where comprehensive reporting of all Exploration Results is not practicable, representative reporting of both low and high grades and/or widths should be practiced to avoid misleading reporting of Exploration Results.	• All individual drilling results from diamond, RC (and limited percussion holes in CP resource) have been incorporated into the current resource estimations. In the current NP estimate, the percussion holes were removed. The percussion holes have poor sample quality owing to grouping and segregation errors that RC or drill core samples do not. The percussion holes represented a second population of lower quality data and were not required to complete the estimate. • The most recent CP estimate includes 4% of data sourced from percussion holes.
Other substantive exploration data	• Other exploration data, if meaningful and material, should be reported including (but not limited to): geological observations; geophysical survey results; geochemical survey results; bulk samples – size and method of treatment; metallurgical test	• The Savage River Mine has been in operation for over 55 years with substantial data collected including geophysical surveys, geological mapping of exposures and metallurgical test work.




Criteria	*JORC Code explanation*	*Commentary*
	results; bulk density, groundwater, geotechnical and rock characteristics; potential deleterious or contaminating substances.	• Waste management plans are based upon acid base accounting analyses of selected representative data from each deposit at Savage River.
Further work	• The nature and scale of planned further work (e.g. tests for lateral extensions or depth extensions or large-scale step-out drilling). • Diagrams clearly highlighting the areas of possible extensions, including the main geological interpretations and future drilling areas, provided this information is not commercially sensitive.	• In 2022 there were 5,524m (19 holes) of diamond drilling completed on surface for the Centre Pit Drilling Project for resource definition; orebody knowledge; geotechnical modelling and waste characterisation purposes. There was 2,570m (6 holes) drilled from underground and 1,672m (5 holes) drilled from surface for North Pit Underground (NPUG) resource definition. • Planned drill programs (2023-24) will focus on resource definition drilling underground to improve resource confidence and geotechnical knowledge to reduce the risk in support of underground mining currently in DFS.




SECTION 3 ESTIMATION & REPORTING OF MINERAL RESOURCES

Criteria	*JORC Code explanation*	*Commentary*
Database integrity	• Measures taken to ensure that data has not been corrupted by, for example, transcription or keying errors, between its initial collection and its use for Mineral Resource estimation purposes. • Data validation procedures used.	• Transcription errors are limited by having assay data directly merged into the database with key fields on sample ID. • Visual validation in 3D is utilised having sections plotted with block grades, the drill-hole assays and geology intervals displayed. • Validation of the database occurs at distinct stages. • Data entry – Prior to 2019 data was mostly entered into Excel spreadsheets, controlled by lookup lists and ranges of acceptable values. o Before upload to the database – data is cross-checked in Excel. o Before extracting composites – a set of queries are run, checking for data continuity, abnormal values and overlapping ranges. o At all stages spot checks are made on specific areas against raw data or core where available, to check for accuracy and/or correlation. Where applicable, data is plotted out on section or graphically for visual checking. • Since 2019, the data validation process has significantly improved through the introduction of an additional layer of checking brought mainly by the inherent validation functionalities of the new database system as managed by the Geological Database Administrator. Some of the validation features of the new database system utilised include: o a data management tool at the point of collection; o a database structure (MaxGeo data schema, SQL MDS) that fulfils statutory compliant requirements and allows high levels of data transparency and validity; o a disciplined assay management workflow and swift monitoring of quality assurance and control of the assays resulting in better assay quality and integrity.
Site visits	• Comment on any site visits undertaken by the Competent Person and the outcome of those visits. • If no site visits have been undertaken indicate why this is the case.	• Competent person is a Grange employee and has an intimate knowledge of the operation. The technical services team includes senior mining engineers, geologists and environmental scientists that provide specialist advice and analysis to the CP to inform the resource and reserve estimates. • Competent person visits site frequently and has a very close and current understanding of the orebodies.




Criteria	*JORC Code explanation*	*Commentary*
Geological interpretation	• Confidence in (or conversely, the uncertainty of) the geological interpretation of the mineral deposit.	• Each section was interpreted for magnetite mineralization in a live-3D environment, i.e., the sections were not printed out for interpretation purposes. Grade control outlines and blasthole data as well as visual checks in the field were used to inform the ore/waste contacts and this supports the spatial interpretation using both grade control and wide spaced diamond drilling data. This has improved the confidence of the model especially close to current mining benches. Recent work was completed by Grange staff, assisted by Snowden-Optiro in 2022. The geological interpretation was done in Surpac, then converted to Datamine files for processing by Snowden-Optiro. • Historically, there were three types of mineralization defined (termed sparse, moderate and abundant and given the codes ZS, ZM and ZA respectively). Recent practice has been to amalgamate the ZM and ZA. The mineralized zones were therefore subdivided into moderate and high grade (ZAZM, >35 DTR) and low grade (ZS 15-35 DTR) categories.
	• Nature of the data used and of any assumptions made.	• The geological interpretation has high confidence on a deposit scale, informed by regularly spaced drilling, in-pit mapping, grade control drilling and monthly reconciliations.
	• The effect, if any, of alternative interpretations on Mineral Resource estimation.	• The boudinaged nature of the high-grade lenses does sometimes result in some areas having to be adjusted by on ground mapping and grade control, during mining. • The global resource reconciliation continues to have a very good match with concentrate produced.
	• The use of geology in guiding and controlling Mineral Resource estimation.	• Geology, lithology and structure are used to guide and control the interpretation and wireframing of ore lenses in preparation for resource estimation. Wireframes are validated in section, then in plan (flitch) to enable robust shapes to be developed.
	• The factors affecting continuity both of grade and geology.	• Continuity is greatest down dip owing to the strike-slip deformation at Savage River. Continuity along strike is characterized by discontinuous swarms of boudinaged high grade magnetite lenses surrounded by lower grade magnetite ore hosted in serpentinite gangue. In extrapolated areas down dip, the interpretations of mineralised geometry have been conservative.
Dimensions	• The extent and variability of the Mineral Resource expressed as length (along strike or otherwise), plan width, and depth below surface to the upper and lower limits of the Mineral Resource.	• The Savage River ore-bodies occur discontinuously over a strike length of 6km with thickness ranging from 40-150m. • All lenses remain open at depth. A summary of the defined extents of individual deposits follows:




<table>
<tr><th>Criteria</th><th>JORC Code explanation</th><th>Commentary</th></tr>
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<table>
<tr><th>Deposit</th><th>Strike Extent (m)</th><th>Width Extent (m)</th><th>Depth Extent (m)</th></tr>
<tr><td>North Pit</td><td>1900</td><td>219</td><td>1089</td></tr>
<tr><td>Centre Pit</td><td>2450</td><td>255</td><td>583</td></tr>
<tr><td>Sprent</td><td>244</td><td>49</td><td>152</td></tr>
<tr><td>South Deposit</td><td>554</td><td>72</td><td>396</td></tr>
<tr><td>Long Plains</td><td>3200</td><td>75</td><td>300</td></tr>
</table>
</td></tr>
<tr><td>Estimation and modelling techniques</td><td>• The nature and appropriateness of the estimation technique(s) applied and key assumptions, including treatment of extreme grade values, domaining, interpolation parameters and maximum distance of extrapolation from data points. If a computer assisted estimation method was chosen include a description of computer software and parameters used.</td><td>
• Estimations up to 2014 been undertaken by Grange staff using recommendations and parameters defined in variography studies completed by Snowden Mining Industry Consultants
• Since 2014, estimations have been undertaken by Optiro, Xstract Mining and Snowden Optiro consultants in consultation with Grange staff.
• Mineralized domains were established from high grade and low grade intersects as interpreted in the geological model.
• Ordinary Kriging (OK) was employed to estimate the North Pit resource from 2007 based on the recommendation of a report by Snowden in 2006. Other deposits have progressively moved from inverse distance methods to OK as appropriate.
<table>
<tr><th colspan="2">Estimation Parameters</th><th colspan="3">Ellipsoid Orientation</th><th colspan="2">Anisotropy Ratio s</th><th colspan="3">Search Distance</th></tr>
<tr><th>Pit</th><th>Year</th><th>Major Axis</th><th>Semi-Major Axis</th><th>Minor Axis</th><th>Major/Semi-Major</th><th>Major/Minor</th><th>Pass 1</th><th>Pass 2</th><th>Pass 3</th></tr>
<tr><td>North Pit</td><td>2022</td><td>-50/180</td><td>-40->0</td><td>0->90</td><td>1</td><td>5</td><td>230</td><td>230</td><td>690</td></tr>
<tr><td>Center Pit</td><td>2019</td><td>0->0</td><td>-90->0</td><td>0->90</td><td>1</td><td>5</td><td>50</td><td>100</td><td>600</td></tr>
<tr><td>South Deposit (East)</td><td>2014</td><td>0->0</td><td>-90->0</td><td>0->90</td><td>1</td><td>5</td><td>50</td><td>90</td><td>180</td></tr>
<tr><td>South Deposit (West)</td><td>2014</td><td>0->0</td><td>-90->0</td><td>0->90</td><td>1</td><td>5</td><td>100</td><td>150</td><td>300</td></tr>
<tr><td>Long Plains</td><td>2014</td><td>-10->358</td><td>-76->45</td><td>-10->270</td><td>1</td><td>2</td><td>210</td><td>210</td><td>420</td></tr>
</table>
• For the 2022 North Pit estimate, a southerly plunge was identified from variography and Categorical Indicator Kriging (CIK) was used to help refine the domaining of low and high grade material. Indicators set at 15% and 35% DTR were used to flag material and domain the low grade, while an indicator set at 35% was used to flag material above this level as High Grade. The flagged drill data was then coded to the relevant domains for use in OK estimation.
• The Sprent deposit is comparatively small (<3M tonnes) and considered to be an extension of Centre Pit South. It was developed in 2010 to supplement ore supply.
</td></tr>
</table>




Criteria	*JORC Code explanation*	*Commentary*

- Drill hole sample data was flagged as ore in the database within the domain wireframes interpreted for each deposit. Composites extracted from the database for each domain were therefore controlled by the geological interpretation.
- The 2022 North Pit estimate also used CIK as described above to domain some areas of the resource.
- Sample data was generally composited to 1 metre down hole length using a best fit-compositing method.
- Residual samples (those composite intervals for which there was less than 75% of the composite length) were considered biased and hence were not included in the estimate.
- For the 2022 North Pit estimate residuals were eliminated by adjusting the composite interval to be as close to 1 as possible so that there were no residual samples created.

  Optiro, Xstract and Snowden Optiro have recommended top cuts as tabled below to reduce the impact of significant outliers and positively skewed populations.

Top Cuts	North Pit (2022)				Center Pit 2019				South Deposit		Long Plains	
Domain	MOZ	LG	Waste	WL	CPN_ZAZM	CPN_ZS	CPN_ZAZM	CPS_ZS	East	West	North	South
Density												
Al2O3 %									1.00	2.00		
CaO%	0.45	0.7		1.70					0.50			
DTR%												
D X DTR												
Fe2+ %												
Iron %												
MgO %					7.00	8.00	4.50	10.00				
Ni %	0.18	0.7	0.10		0.30	0.20			0.75			
P%	0.03	0.05		0.06	0.10	0.06	0.05	0.10	0.09		0.05	0.05
S %	0.5	0.6	0.5	0.6				1.50	0.21	0.53	0.30	0.30
SiO2%									7.00			
TiO2%									2.00	2.00		
V %								2.00		0.70		
Cu %												
Mn %												

- DTR is directly estimated by ordinary kriging.
- DTR, Density values and the calculated attribute Density (D) x DTR are all subjected to variography and estimation, with DTR (calc) back calculated from D x DTR in the model. DTR (calc) has been estimated as a comparison to DTR (Kriged DTR).
- Specialist Resource Estimation consultants (Optiro, Xstract and Snowden Optiro) have created the block models from wireframes and data supplied by on-site geologists. These model estimations have been run with Surpac software and Snowden Supervisor for variography studies.




Criteria	*JORC Code explanation*	*Commentary*

- Block models were constructed for
  - North Pit (2022) using a 5mE by 5mN by 5mRL parent block size with sub-celling to 2.5mE by 2.5mN by 2.5mRL.
  - Centre Pit (2019) used a 5mE by 15mN by 5mRL parent block size with sub-celling to 2.5mE by 3.75mN by 2.5mRL.

  Variography studies for each deposit have been completed by specialist resource estimation consultants with recommendations for estimation parameters appropriate for each deposit and the modelling technique employed as tabulated below.
- No top cuts have been applied to the Sprent models.
- DTR(OK) is reported and DTR (calc) is retained and used to validate the estimate based on past practice. DTR (calc) is back calculated from D x DTR in the model.
- Block models were constructed for each deposit as given in the table "Block Model Parameters" table below;

Block Model Parameters		Panel Block			Sub Block			Consultant
Pit	Year	Y	X	Z	Y	X	Z	
North Pit	2022	5	5	5	2.5	2.5	1.25	Snowden Optiro
Center Pit	2019	15	5	5	3.75	2.5	2.5	Optiro
South Deposit (East)	2014	10	10	5	5	5	2.5	Grange
South Deposit (West)	2014	10	10	5	5	5	2.5	Grange
Long Plains	2014	25	10	10	6.25	1.25	2.5	Optiro

- The minimum and maximum number of samples were tested for each deposit using the Kriging Neighbourhood Analysis (KNA). The following table outlines the Number of Samples selected to inform the three estimation passes in each of the block model estimates for the various deposits.

Number of Samples		**Pass 1**			**Pass 2**			**Pass 3**		
Pit	**Year**	**Minimum**	**Maximum**	**Max samples per hole**	**Minimum**	**Maximum**	**Max samples per hole**	**Minimum**	**Maximum**	**Max samples per hole**
North Pit	2022	12	32	4	6	32	4	6	32	4
Center Pit	2019	16	32	8	8	32	4	2	32	999
South Deposit (East)	2014	2	32	5	2	32	10	2	32	999
South Deposit (West)	2014	2	32	5	2	32	10	2	32	999
Long Plains	2014	40	60	5	20	60	10	2	60	999

- The estimation was validated by completing visual checks in section and plan and comparing statistics of input composite drillhole sample grades to estimated block grades on both a local and global basis. Local




Criteria	*JORC Code explanation*	*Commentary*
		grade variability was also validated by comparing composite and block grades visually in cross section, long section and in plan view.
	• The availability of check estimates, previous estimates and/or mine production records and whether the Mineral Resource estimate takes appropriate account of such data.	• New model estimates were compared against previous model estimates by flitch plots, visual inspection of the model around new drill hole data in section and have been reconciled with production data as part of the validation process. • DTR(OK) is checked by DTR (calc) These correlate very closely with an overall difference of 1.7% at a 15% DTR cut-off grade. DTR (ok) is reported.
	• The assumptions made regarding recovery of by-products.	• No by-product recoveries have been considered. The magnetite recovery process targets the magnetic minerals, and no marketable by-products are recovered.
	• Estimation of deleterious elements or other non-grade variables of economic significance (e.g., sulphur for acid mine drainage characterization).	• Concentrate grades and deleterious elements (impurities) have all had variography completed where samples were available and were estimated by Ordinary Kriging with the resource run.
	• In the case of block model interpolation, the block size in relation to the average sample spacing and the search employed.	• Sample spacing on a 50 x 70m grid is 5-7 times the block size. This sample spacing is supported by the very strong geological continuity (low sample variance). See tables above.
	• Any assumptions behind modelling of selective mining units.	• No assumptions were made behind modelling of selective mining units.
	• Any assumptions about correlation between variables.	• There is a correlation between DTR and density which is described below in the Bulk Density section. This relationship is not used in estimation methods and DTR is directly estimated.
	• Description of how the geological interpretation was used to control the resource estimates.	• Geology, lithology and structure are used to guide and control the interpretation and wire-framing of ore lenses in preparation for resource estimation. Wireframes are validated in section, then in plan (flitch) to enable robust shapes to be developed.
	• Discussion of basis for using or not using grade cutting or capping.	• Top cuts in ore domains were used where outliers were identified by exploration data analysis. Outliers were identified for: ○ Ni, TiO_2 and P in North Pit ○ P in South Deposit ○ Ni, MgO, P, V and S in Centre Pit
	• The process of validation, the checking process used, the comparison of model data to drill hole data, and use of reconciliation data if available. New model estimates are compared against old model estimates and reconciliations as part of validation.	• Block estimates were cross validated by comparison with printed block sections showing drilling, block values and constraining wireframes. • Swath plots generated show the drill hole and modelled grades compared well across the deposits particularly where there were a large number of drillholes.




Criteria	*JORC Code explanation*	*Commentary*
		• Grade Control outlines and blasthole data as well as visual checks in the field were used to inform the ore/waste contacts and this supports the spatial interpretation using both GC and wide spaced diamond drilling data. This has improved the confidence of the model especially close to current mining benches. • The Main Ore zone in NP is very predictable and drill spacing is appropriate for the resource estimate. • The main improvement between 2020 and 2022 was improvement of wireframes and resolving the domaining low and high grade within the ore envelope which lowered the grade by 3.1% within the Main Ore Zone compared to the last model.
Moisture	• Whether the tonnages are estimated on a dry basis or with natural moisture, and the method of determination of the moisture content.	• Tonnages were estimated on a dry basis. All drill holes are dried at the laboratory prior to sample prep and analysis.
Cut-off parameters	• The basis of the adopted cut-off grade(s) or quality parameters applied.	• For the Open Cut, the cut-off grade of 15%DTR is based on a natural break in the Grade-Tonnage Curve and is supported by economic analysis for the open cut undertaken during 2010. • The grade cut-off parameters were supplied by experienced mining engineers on an appraisal basis. These are the minimum widths and cut-off grades expected to be required to meet economic hurdles for these mining methods. These parameters are not yet based upon analysis as a feasibility level.
Mining factors or assumptions	• Assumptions made regarding possible mining methods, minimum mining dimensions and internal (or, if applicable, external) mining dilution. It is always necessary as part of the process of determining reasonable prospects for eventual economic extraction to consider potential mining methods, but the assumptions made regarding mining methods and parameters when estimating Mineral Resources may not always be rigorous. Where this is the case, this should be reported with an explanation of the basis of the mining assumptions made.	• Above the ultimate pit shape, an optimised pit has been designed, based on an iron ore price, mining costs. Below the ultimate open cut profile, a combination of minimum mining width and cut-off grades for three mining methods; (Stoping, SLC and Block Caving) have been used as a preliminary guide to reasonable prospects of eventual economic extraction ahead of further studies. No mining factors (i.e., dilution, ore loss, recoverable resources at selective mining block size) have been applied for an eventual underground operation. • In 2021 for the consideration of Reasonable Prospects of Eventual Economic Extraction (RPEEE), a 100m x 100m grid in long section was analysed to obtain the true width and grade across this grid. If a cell in the grid passed the "Conditions to meet RPEEE" in the table below, then the cell was included in reportable resources.

	Conditions to meet RP EEE	
Method	**Min width**	**Cut-Off grade**
Stoping	10	50
SLC	20	35
BC	25	25




Criteria	*JORC Code explanation*	*Commentary*
Metallurgical factors or assumptions	• The basis for assumptions or predictions regarding metallurgical amenability. It is always necessary as part of the process of determining reasonable prospects for eventual economic extraction to consider potential metallurgical methods, but the assumptions regarding metallurgical treatment processes and parameters made when reporting Mineral Resources may not always be rigorous. Where this is the case, this should be reported with an explanation of the basis of the metallurgical assumptions made.	• DTR has been incorporated into the model as a measure of magnetite recovery in the magnetic separation process. This is based on the performance of DTR at the Savage River mine, where it has been employed as a good measure of delineating ore and waste and in modelling the anticipated recoveries through the magnetic separation process for over 50 years. • Historical records indicate the Metallurgical recovery of magnetite from the magnetic separators has been demonstrated to be 95% of the DTR derived from laboratory DTR process. This factor is not applied to the resource model.
Environmental factors or assumptions	• Assumptions made regarding possible waste and process residue disposal options. It is always necessary as part of the process of determining reasonable prospects for eventual economic extraction to consider the potential environmental impacts of the mining and processing operation. While at this stage the determination of potential environmental impacts, particularly for a greenfields project, may not always be well advanced, the status of early consideration of these potential environmental impacts should be reported. Where these aspects have not been considered this should be reported with an explanation of the environmental assumptions made.	• Waste rock: waste is segregated while mined into one of four waste types based on the rock's acid-base chemistry. These units are disposed of in encapsulated dumps according to the waste management plan as part of the environmental permit conditions. Tailings are disposed of as sediment beaches in engineered tailing ponds. The tailings management plan is part of the environmental permit conditions.
Bulk density	• Whether assumed or determined. If assumed, the basis for the assumptions. If determined, the method used, whether wet or dry, the frequency of the measurements, the nature, size and representativeness of the samples. • The bulk density for bulk material must have been measured by methods that adequately account for void spaces (vugs, porosity, etc), moisture and differences between rock and alteration zones within the deposit. • Discuss assumptions for bulk density estimates used in the evaluation process of the different materials.	• All 'modern' (post-2005) diamond drilling samples have measured density values. However, some historic drilling samples do not have density data and it is not possible to measure density for RC samples. • The density of the ore for the RC samples and legacy diamond drilling samples was determined based on the first principles equation, where: $$\mathrm{SG} = \left(\frac{\mathrm{DTR}}{510} + \frac{100 - \mathrm{DTR}}{281}\right)^{-1}$$ • 36% of all bulk density values are measured, 56% are calculated and 7% have null values for density. • The First Principles equation relates density to DTR and provides a reasonable fit to the measured data. • 2019 and later North Pit models removed percussion holes (nearly half of informing data of c. 2011 models - NP1103 model). • Centre Pit retained the use of percussion holes in the resource estimate. As a consequence, there are now much greater proportion of densities having measured values and a smaller portion of density is calculated via regression methods where primary density measurements were absent.




Criteria	*JORC Code explanation*	*Commentary*
		• The ore zones at Savage River are very competent and void space is not considered significant to make allowance for in the density determination method.
Audits or reviews	• The results of any audits or reviews of Mineral Resource estimates.	• During the Mine Life Extension Project in 2006, AMC peer reviewed the NP resource estimation process and parameters for the mine life extension project (MLEP). • The estimation process and parameters are considered to still be valid for this deposit as additional drilling has been infill in nature. Several due diligence studies have reviewed the estimation methodologies as recommended by Snowden and found them to be valid. • AMC conducted a new resource Audit in March 2019-with further review in August 2019 and October 2020. AMC considered that: o the Mineral Resource for Centre and North Pit Deposits were appropriately classified as Measured, Indicated, and inferred resources in accordance with the JORC code. o That the processes to generate the block model for the Resource Estimates have been completed using accepted practice with drill-hole data supported by quality control protocol, known mining history and reconciliation. • AMC cited the following area for improvement: o recommended that a maximum of three samples per drillhole is used in each search pass. Grange currently uses 4 in NP and 8 in CP with the method used has been supported by good reconciliation performance. • Reconciliation suggests that the estimation is comparable with grade control data. Global reconciliation is performed on an annual basis and show good performance between actual produced concentrate and estimated contained concentrate in the resource model. • For the recent resource update for NP by Snowden Optiro, a site visit was not completed. While Snowden Optiro visited the site in 2018, a review of drilling, sampling and mapping procedures was not completed as their role was to refresh the estimate, not audit our processes.
Discussion of relative accuracy/ confidence	• Where appropriate a statement of the relative accuracy and confidence level in the Ore Reserve estimate using an approach or procedure deemed appropriate by the Competent Person. For example, the application of statistical or geostatistical procedures to quantify the relative accuracy of the reserve within stated confidence limits, or, if such an approach is not deemed appropriate, a qualitative discussion of the factors	Global reconciliations and bench reconciliations are used to feedback into the resource model. Regular reconciliations show a good performance of model vs actual. Global reconciliation is performed on an annual basis and show good performance between actual produced concentrate and estimated contained concentrate in the resource model. The current resource model was found to be a better predictor of modelled concentrate due to changes in wireframes in current model. • Bench reconciliations show good agreement and nearly always a positive reconciliation between resource and produced concentrate.




Criteria	*JORC Code explanation*	*Commentary*
	which could affect the relative accuracy and confidence of the estimate. • The statement should specify whether it relates to global or local estimates, and, if local, state the relevant tonnages, which should be relevant to technical and economic evaluation. Documentation should include assumptions made and the procedures used. • Accuracy and confidence discussions should extend to specific discussions of any applied Modifying Factors that may have a material impact on Ore Reserve viability, or for which there are remaining areas of uncertainty at the current study stage. • It is recognized that this may not be possible or appropriate in all circumstances. These statements of relative accuracy and confidence of the estimate should be compared with production data, where available.	• Reconciliations are calculated from material survey movement against changes in stockpiles and actual magnetite concentrate production. Global reconciliation of the current model shows an under-prediction of the actual concentrate production within a 5-10% tolerance over several years. • Grange believes that the accuracy and confidence in the Mineral Resources is appropriate and within the accepted error ranges for the Mineral Resource confidence categories (Measured, Indicated and Inferred).




SECTION 4: ESTIMATION & REPORTING OF ORE RESERVES

(Criteria listed in section 1, and where relevant in sections 2 and 3, also apply to this section.)

Criteria	*JORC Code explanation*	*Commentary*
Mineral Resource estimate for conversion to Ore Reserves	• Description of the Mineral Resource estimate used as a basis for the conversion to an Ore Reserve. • Clear statement as to whether the Mineral Resources are reported additional to, or inclusive of, the Ore Reserves.	• The Total Ore Reserve estimate for Savage River includes Mineral Resources from North Pit, Centre Pit and South Deposit. The Mineral Resources used are from updated Mineral Resource models as at 31 Dec 2022 and as publicly reported on in this release. • The stated Mineral Resource is inclusive of the Ore Reserve
Site visits	• Comment on any site visits undertaken by the Competent Person and the outcome of those visits. • If no site visits have been undertaken indicate why this is the case.	• The Competent Person has more than 10 years of experience in an open pit Magnetite mine at senior operational management and technical level. • Competent person is an employee of the company and regularly visits the site.
Study status	• The type and level of study undertaken to enable Mineral Resources to be converted to Ore Reserves. • The Code requires that a study to at least Pre-Feasibility Study level has been undertaken to convert Mineral Resources to Ore Reserves. Such studies will have been carried out and will have determined a mine plan that is technically achievable and economically viable, and that material Modifying Factors have been considered.	• The Centre Pit Ore Reserve estimate is based on an updated Feasibility Study completed in October 2019. The Reserves for North Pit are based on feasibility studies completed in 2006 with updated economic considerations as reviewed through the annual budgeting process. The Stockpile reserves are based on detailed physical surveys and collected grade control assays. • The Life Of Mine Plan process is undertaken annually which encompasses reviews of conversion of Mineral Resource to Ore Reserve and assessment of current economic and other reconciled modifying factors. • The information used for estimation and reporting of this Ore Reserve is based upon those Feasibility Studies and with current production reconciled modifying factors. • Feasibility assessments continue on an ongoing basis, for which applicable results support the reported reserves.
Cut-off parameters	• The basis of the cut-off grade(s) or quality parameters applied.	• Cut-Off-Grade Analysis was undertaken as part of the Feasibility Study and is reviewed on an annual basis as part of Grange Resource's Life of Mine Budget process. • The Cut-off grade is 15% DTR.
Mining factors or assumptions	• The method and assumptions used as reported in the Pre-Feasibility or Feasibility Study to convert the Mineral Resource to an Ore Reserve (i.e., either by application of appropriate factors by optimization or by preliminary or detailed design).	• Whittle Optimisations are used to derive an economic pit outline which is then used as the basis for mine design. The software uses profit maximization algorithms to generate pit shells. The cost inputs used in the Whittle optimiser are based on a combination of historical performance and forecasts of future costs. Parameters are initial determined in Feasibility Studies and are reviewed as part of the ongoing Life Of Mine Planning and evaluation process. • The Ore Reserves are reported within a detailed staged pit designs which are based on Whittle open pit optimization.




<table>
<tr><th>Criteria</th><th>JORC Code explanation</th><th>Commentary</th></tr>
<tr><td></td><td>• The choice, nature and appropriateness of the selected mining method(s) and other mining parameters including associated design issues such as pre-strip, access, etc.</td><td>• Mining is undertaken by conventional bulk mining methods utilizing hydraulic face shovels, dump trucks and conventional drill and blast, which is suited to the local terrain.</td></tr>
<tr><td></td><td>• The assumptions made regarding geotechnical parameters (e.g.: pit slopes, stope sizes, etc), grade control and pre-production drilling.</td><td>• The overall pit slopes used for the design and optimisation are based on geotechnical studies undertaken in the Feasibility Study and are reviewed and updated on an annual basis as part of Grange Resource's Life Of Mine Planning process. The current overall slope parameters are as follows:
<table>
<tr><th rowspan="2">Pit</th><th colspan="4">Overall Slope Angle (degrees)</th></tr>
<tr><th>East</th><th>West</th><th>North</th><th>South</th></tr>
<tr><td>North Pit</td><td>48</td><td>27</td><td>32</td><td>25</td></tr>
<tr><td>Centre Pit</td><td>37</td><td>28</td><td>37</td><td>35</td></tr>
<tr><td>South Deposit</td><td>40</td><td>38</td><td>36</td><td>42</td></tr>
</table></td></tr>
<tr><td></td><td>• The major assumptions made, and Mineral Resource model used for pit and stope optimization (if appropriate).</td><td>• The Smallest Mining Unit (SMU) assumed is 5 m x 5 m x 2.5 m in the X, Y and Z direction consistent with the sub-cell resolution in the resource.</td></tr>
<tr><td></td><td>• The mining dilution factors used.
• The mining recovery factors used.</td><td>• The mining block model includes an allowance for likely mining dilution based on historical performance. For North Pit this has added approximately 2% tonnage and reduced the DTR by 8%. In Centre Pit this has added zero additional tonnage and reduced the DTR by 15%.
• These factors reflect the expected ore dilution leading to a decrease in recovered grade and an increase in recovered ore volume and are based on historic reconciliation performance. Reconciliations (global) are compiled annually, and bench reconciliations are compiled as benches are completed (about 8 per year).
• Temporal or period reconciliations are run to check the quality of the 3-month plan cycle.</td></tr>
<tr><td></td><td>• Any minimum mining widths used.</td><td>• Mining widths of 20m are applied to the pit designs based on the current primary load and haul equipment's minimum working requirements. Ore and waste can be mined and segregated to the minimum block size based on the current equipment specification and mining method.</td></tr>
<tr><td></td><td>• The manner in which Inferred Mineral Resources are utilised in mining studies and the sensitivity of the outcome to their inclusion.</td><td>• The Whittle Optimization on which the mine design is based utilises only Measured and Indicated Material. Ore Reserve classification is that portion of the mineral resource that resides within an economic pit design. Only Measured and indicated resources are considered.
• Inferred Resources are not scheduled or included in cash flow assessments. Inferred Resources are considered during optimisation to assess further reserve development priorities.</td></tr>
<tr><td></td><td>• The infrastructure requirements of the selected mining methods.</td><td>• The mine can conduct remote blast hole drilling and charging to support safe operation utilising the mining method.</td></tr>
</table>




Criteria	*JORC Code explanation*	*Commentary*
Metallurgical factors or assumptions	• The metallurgical process proposed and the appropriateness of that process to the style of mineralization.	• The Concentrator comprises primary crushing, primary and secondary grinding and magnetic separation. Concentrate is pumped by a slurry pipeline for drying, pelletizing and ship loading at the Port Latta. This process is well proven at Savage River over the last 50 years and is used extensively for magnetite deposits throughout the world.
	• Whether the metallurgical process is well-tested technology or novel in nature.	• The Concentrator and Pellet Plant have been have operated continuously by Grange Resources since 2009 and before by Australian Bulk Minerals since 1997.
	• The nature, amount and representativeness of metallurgical test work undertaken, the nature of the metallurgical domains applied, and the corresponding metallurgical recovery factors applied.	• There has been metallurgical test work undertaken as part of early feasibility studies and subsequent drilling programs. • A plant recovery factor of 95% is used to account for concentrator efficiency and is supported by historical performance.
	• Any assumptions or allowances made for deleterious elements.	• The Ore Reserve and the associated mine schedule produce an output on which the sale of pellet is based and includes any deleterious elements. • Deleterious elements (also referred to as impurities), are identified in product specification and are estimated in the resource model.




Criteria	*JORC Code explanation*	*Commentary*
	• The existence of any bulk sample or pilot scale test work and the degree to which such samples are considered representative of the ore-body as a whole.	• The mineral resource model appropriately addresses the chemical criteria and the emergent physical properties to meet a high-quality iron ore product. • Magnetite concentrate and hematite pellets are sold on a market specification. • The Davis Tube Recovery (DTR) technique is the fundamental unit of measurement of grade of ore at a magnetite mine. • DTR is a measure of the "recoverable" magnetite as determined by equipment which seeks to mimic the process occurring in the concentrator. • DTR can be used to predict the concentrate contained within the ore, which is far more relevant than an analysis for total iron in the ore. • The DTR is a physical test, dependent on the actual liberation of the magnetite from its gangue elements. • The liberation at the laboratory scale needs to mimic the liberation at a plant scale. This liberation is directly related to the grind distribution the method has been designed as appropriate for the Savage River deposit. The recoverable magnetite from the Davis Tube is called Davis Tube Concentrate (DTC) and is weighed to determine what proportion of the original sample was recovered. • The concentrate recovered from the DTC is analysed by X-ray fluorescence (XRF) methods to assess the quality of the DTC, i.e. the grade of iron, silica, sulphur etc in the concentrate. • X-ray fluorescence utilizes a spectrometer, an x-ray instrument used for non-destructive chemical analyses of rocks, minerals, sediments and fluids
	• For minerals that are defined by a specification, has the ore reserve estimation been based on the appropriate mineralogy to meet the specifications?	• Magnetite concentrates and hematite pellets are sold on a market specification.
Environmental	• The status of studies of potential environmental impacts of the mining and processing operation. Details of waste rock characterisation and the consideration of potential sites, status of design options considered and, where applicable, the status of approvals for process residue storage and waste dumps should be reported.	• The mining and exploration tenements held by the Company contain environmental requirements and conditions that the entities must comply with in the course of normal operations. • Conditions and regulations cover the management of the storage of hazardous materials and rehabilitation of mine sites. The Company obtained approvals to operate in 1996 and 1997 under Tasmania's Land Use Planning and Approvals Act (LUPA) and the Environmental Management and Pollution Control Act (EMPCA) as well as the Goldamere Act and Mineral Resources Development Act. The land use permit conditions for Savage River and Port Latta are contained in Environmental Protection Notices 248/2 and 302/2 respectively.




Criteria	*JORC Code explanation*	*Commentary*
		• The currently approved Environmental Management Plans were submitted for Savage River and Port Latta on 21 December 2010. The extension of the project's life was approved by the Department of Tourism, Arts and the Environment on 12 March 2007 and together with the Goldamere Act and the Environmental Protection Notices, is the basis for the management of all environmental aspects of the mining leases. • The Goldamere Act limits the Company's liability under Tasmanian law for remediation of contamination to that caused by the Company's operation and indemnifies the Company for certain environmental liabilities arising from past operations. Where pollution is caused or might be caused by previous operations and this may be impacting on Grange's operations or discharges. Grange is indemnified against any associated emissions. • Grange is required to operate to Best Practice Environmental Management (BPEM). • The Goldamere Act provides overriding legislation against all other Tasmanian legislation. • The main mining lease 2M/2001 on which both North Pit and Centre pit are allocated and is granted for a 30-year term due for renewal in 2031. Grange has current approvals to mine in place. The waste rock is to be segregated into potential acid forming and non-acid forming waste in the pit and then disposed of in the Broderick Creek waste rock dump complex or other dumps as approved by the Tasmania EPA and Mineral Resource Tasmania which have sufficient capacity for the current life of the mine. The potentially acid forming waste is encapsulated with layers of clay and alkaline rocks to prevent the formation of acid rock drainage. • Process residue from the concentration of ore (tailings) is stored in the Main Creek Tailings Dam and the South Deposit Tailings Storage Facility. There is sufficient capacity to store tailings from North Pit, and Centre Pit until 2040. Approval for the South Deposit Tailing Storage Facility was granted by the Department of Environment and the Waratah-Wynyard Council and was commissioned in November 2018
Infrastructure	• The existence of appropriate infrastructure: availability of land for plant development, power, water, transportation (particularly for bulk commodities), labour, accommodation; or the ease with which the infrastructure can be provided, or accessed.	• Current operation consists of North Pit and Centre Pit and one previously mined pit (South Deposit) which is not planned to be mined as part of the Life Of Mine Plan. • There are two primary crushers and conveyors, concentrator, pipeline and pellet processing plant with process water sourced on-site and dedicated power transmission lines. • Townsite hosts a workforce of 250 persons. • Concentrate is transported by slurry pipeline to the Grange-owned Port Latta pellet plant and dedicated ship loading facility for export. • Storage of tails in the Main Creek Tails Storage Dam (facility) will be transitioned to the new South Deposit Tails Storage Facility during 2018. The new facility will have sufficient capacity to support the Life of Mine operation.




Criteria	*JORC Code explanation*	*Commentary*
Costs	• The derivation of, or assumptions made, regarding projected capital costs in the study. • The methodology used to estimate operating costs. • Allowances made for the content of deleterious elements. • The source of exchange rates used in the study. • Derivation of transportation charges • The basis for forecasting or source of treatment and refining charges, penalties for failure to meet specification, etc. • The allowances made for royalties payable, both Government and private.	• The Life Of Mine Plan is updated annually. All assumptions regarding capital costs are reviewed monthly and as part of the annual budgeting process. Capital costs are well documented, managed and understood for the operation. • The Concentrator and Pellet Plant have operated continuously by Grange Resources since 2009 and before by Australian Bulk Minerals since 1997. The operating and capital costs are based upon actual operating historical data. • Allowances are made for the various deleterious elements and adjustments are made to the Iron Content. • The exchange rate is sourced from Specialist Matter Experts, with periodic updates for forecast. • Revenues are calculated based on Free On Board (FOB) from Port Latta. Individual shipments are sold on either an FOB basis from Port Latta or on a CFR basis. • Forecasting of treatment and refining charges including penalties in concentrate are completed annually using the scheduled annual feed grade (including impurities). With forecast reports provided by subject matter experts • Royalties are used in the Whittle Optimization using the Tasmanian State charges and government royalties are calculated based on the life of Mine Plan
Revenue factors	• The derivation of, or assumptions made regarding revenue factors including head grade, metal or commodity price(s) exchange rates, transportation and treatment charges, penalties, net smelter returns, etc. • The derivation of assumptions made of metal or commodity price(s), for the principal metals, minerals and co-products.	• The Whittle optimisation was carried out including Measured and Indicated Mineral Resource categories and using a gross FOB price at Port Latta expressed as US$/dmt pellet and a nominated AUD = USD exchange rate • The commodity pricing is sourced from Specialist Matter Experts in the market analysis for mining and metals.
Market assessment	• The demand, supply and stock situation for the particular commodity, consumption trends and factors likely to affect supply and demand into the future. • A customer and competitor analysis along with the identification of likely market windows for the product. • Price and volume forecasts and the basis for these forecasts. • For industrial minerals the customer specification, testing and acceptance requirements prior to a supply contract.	• The mine and concentrator have operated continuously by Grange Resources since 2009 and before by Australian Bulk Minerals since 1997, and various parties since 1967. • Product is presently sold as Concentrate and Pellet into the Asian and Australian markets. • There are long term contracts in place, and we also see a strong spot market. • Prices are negotiated based on market indices.
Economic	• The inputs to the economic analysis to produce the net present value (NPV) in the study, the source and confidence of these	• Financial modelling of the Savage River operation, shows support for strong NPV's.




Criteria	*JORC Code explanation*	*Commentary*
	economic inputs including estimated inflation, discount rate, etc. • NPV ranges and sensitivity to variations in the significant assumptions and inputs.	• The NPV is most sensitive to product price and exchange rate
Land Tenure	• Land use	• North Pit, Centre Pit, South Deposit and the associated waste dumps, tails storage facility, concentrator, accommodation and pellet plant all lie wholly within ML 2M/2001 and ML 11M/2008. There are no restrictions placed on the operation by these leases which materially restrict its operation.
Social	• The status of agreements with key stakeholders and matters leading to social licence to operate.	• The Mine is relatively isolated, being situated 45 km off the Murchison Highway, which links the north-west and western coasts of Tasmania (Figure 12). The nearest localities are Corinna (population 6), 24 km to the south-west and Waratah (population 380), 38 km to the north-east. The nearest major town by road is Burnie (population ~20,000), located on the north-west coast, about 100 km distant. • Grange also works with the Tasmanian Government in the Savage River Rehabilitation Project. This work has seen water quality in the Savage River improve from where it was significantly degraded by acid rock drainage in 1997 to where modified ecosystem targets are being met and pelagic aquatic species are re-populating the middle reaches of the river. On the back of this work, Grange has community support for the ongoing operation of the mine.
Other	• To the extent relevant, the impact of the following on the project and/or on the estimation and classification of the Ore Reserves: • Any identified material naturally occurring risks. • The status of material legal agreements and marketing arrangements. • The status of governmental agreements and approvals critical to the viability of the project, such as mineral tenement status, and government and statutory approvals. There must be reasonable grounds to expect that all necessary Government approvals will be received within the timeframes anticipated in the Pre-Feasibility or Feasibility study. Highlight and discuss the materiality of any unresolved matter that is dependent on a third party on which extraction of the reserve is contingent.	• Grange's project at Savage River is an active and ongoing operation. • Asbestos group of minerals have been identified at Savage River. The asbesti-form materials are handled according to the fibrous materials policy at Grange, whereby risks from respirable particles are monitored and controlled. • A long term contract for supply of magnetite pellet to various customers exists. • The Goldamere Act provides Tasmanian legislation to support the Savage River Operation. • Final approval for the SDTSF was received in 2014 and construction commenced in Q3 2014 • Approval from the Tasmania EPA for mining at CP was received in April 2022.




Criteria	*JORC Code explanation*	*Commentary*
Classification	• The basis for the classification of the Ore Reserves into varying confidence categories.	• Reserve classification is that portion of the mineral resource that resides within an economic pit design. • In general, Measured Resources have been converted to Proven Reserves and Indicated Resources have been converted to Probable Reserves. In cases where there is lower confidence in a major modifying factor Measured Resources are converted to only a Probable Reserve. Instances of this assessment are described below
	• Whether the result appropriately reflects the Competent Person's view of the deposit.	• The result reflects the Competent persons view of the deposit.
	• The proportion of Probable Ore Reserves that have been derived from Measured Mineral Resources (if any).	• A total of 12.5Mt equal to 45% of the Total Reported Probable Reserves has been derived from Measured Resources. • Measure Resources within the final West Wall cut back of North Pit has been assessed as Probable Reserves and due to lower geotechnical and economic confidence.
Audits or reviews	• The results of any audits or reviews of Ore Reserve estimates.	• The Feasibility Study that was completed in September 2006 had been peer reviewed by Australian Mining Consultants (AMC) for the NP reserve for the mine life extension project (MLEP). • The CP feasibility was reviewed by AMC Consultants Pty Ltd (AMC) in September 2019. AMC concluded that the feasibility study supported the reported Ore Reserve and the requirements of the JORC Code.
Discussion of relative accuracy/ confidence	• Where appropriate a statement of the relative accuracy and confidence level in the Ore Reserve estimate using an approach or procedure deemed appropriate by the Competent Person. For example, the application of statistical or geostatistical procedures to quantify the relative accuracy of the reserve within stated confidence limits, or, if such an approach is not deemed appropriate, a qualitative discussion of the factors which could affect the relative accuracy and confidence of the estimate. • The statement should specify whether it relates to global or local estimates, and, if local, state the relevant tonnages, which should be relevant to technical and economic evaluation. Documentation should include assumptions made and the procedures used. • Accuracy and confidence discussions should extend to specific discussions of any applied Modifying Factors that may have a	• Global reconciliations and bench reconciliations are used to feedback into the resource model. Regular reconciliations show a good performance of model vs actual. Global Reserve Reconciliation for 2022 demonstrates actual concentrate produced plus net change in stockpiles at end of the year was less than 2% and within the 10% tolerance range of model prediction. • Reconciliations are calculated from material survey movement against changes in stockpiles and actual magnetite concentrate production. • Grange believes that the relative accuracy and confidence in the Mineral Resources is appropriate for the generally- accepted error ranges understood by the resource confidence categories which have been allocated. • Historically model predictions are normally within ±10% of actual production. • Modifying factors apply globally, and metallurgical factors are reviewed annually. • Some factors are applied locally, for example geotechnical parameters are applied locally. • All modifying factors are reviewed annually. • Modifying Factors are reviewed periodically with reconciliations to evaluate accuracy and confidence of the estimates.




Criteria	*JORC Code explanation*	*Commentary*
	material impact on Ore Reserve viability, or for which there are remaining areas of uncertainty at the current study stage. • It is recognised that this may not be possible or appropriate in all circumstances. These statements of relative accuracy and confidence of the estimate should be compared with production data, where available.	• Relative accuracy of the modifying factors compares well with production data which is compared on a monthly and annual basis.

APPENDIX B – PLANS & SECTIONS

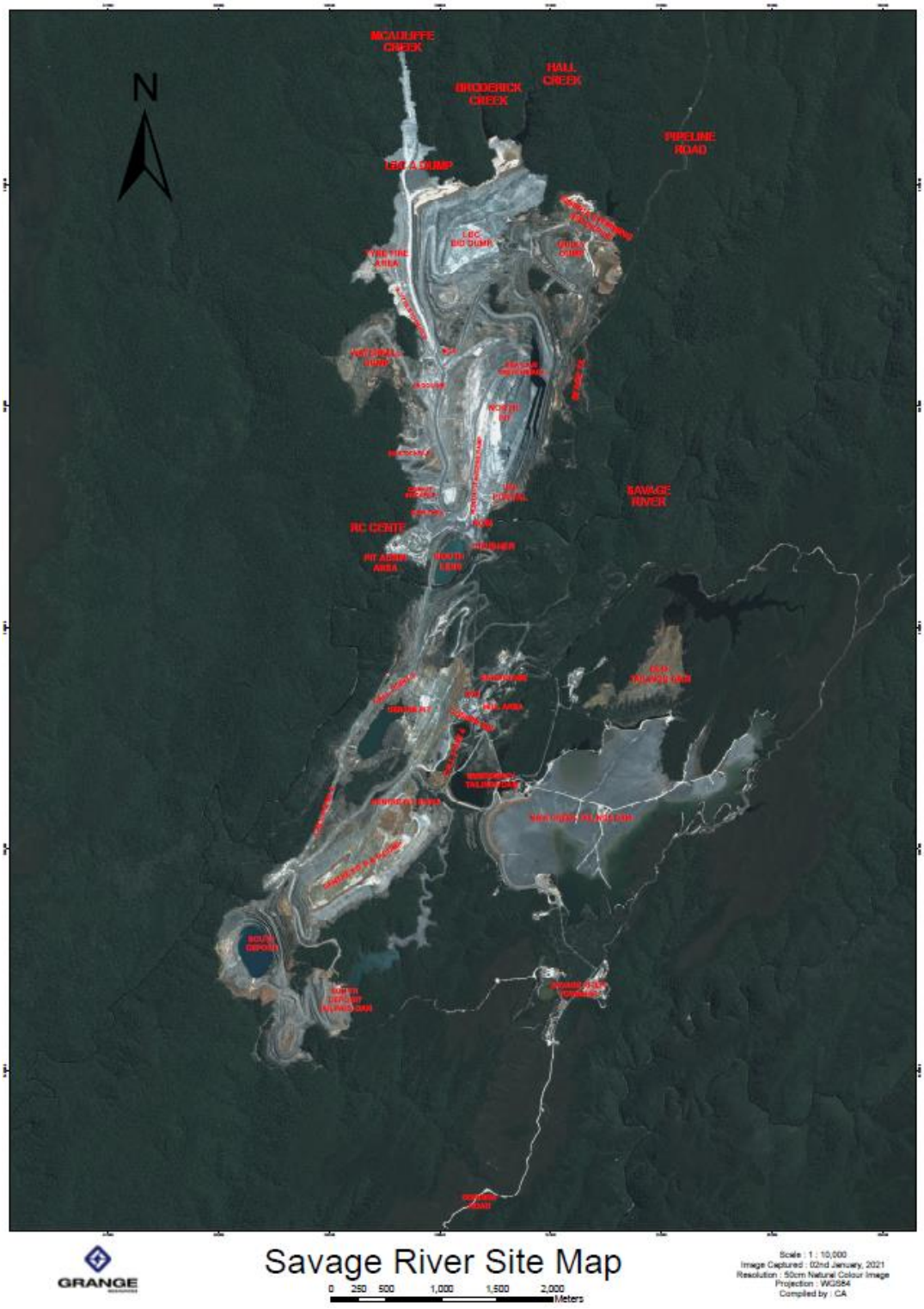

Figure 5: Image of Savage River Site Infrastructure, Jan 2021

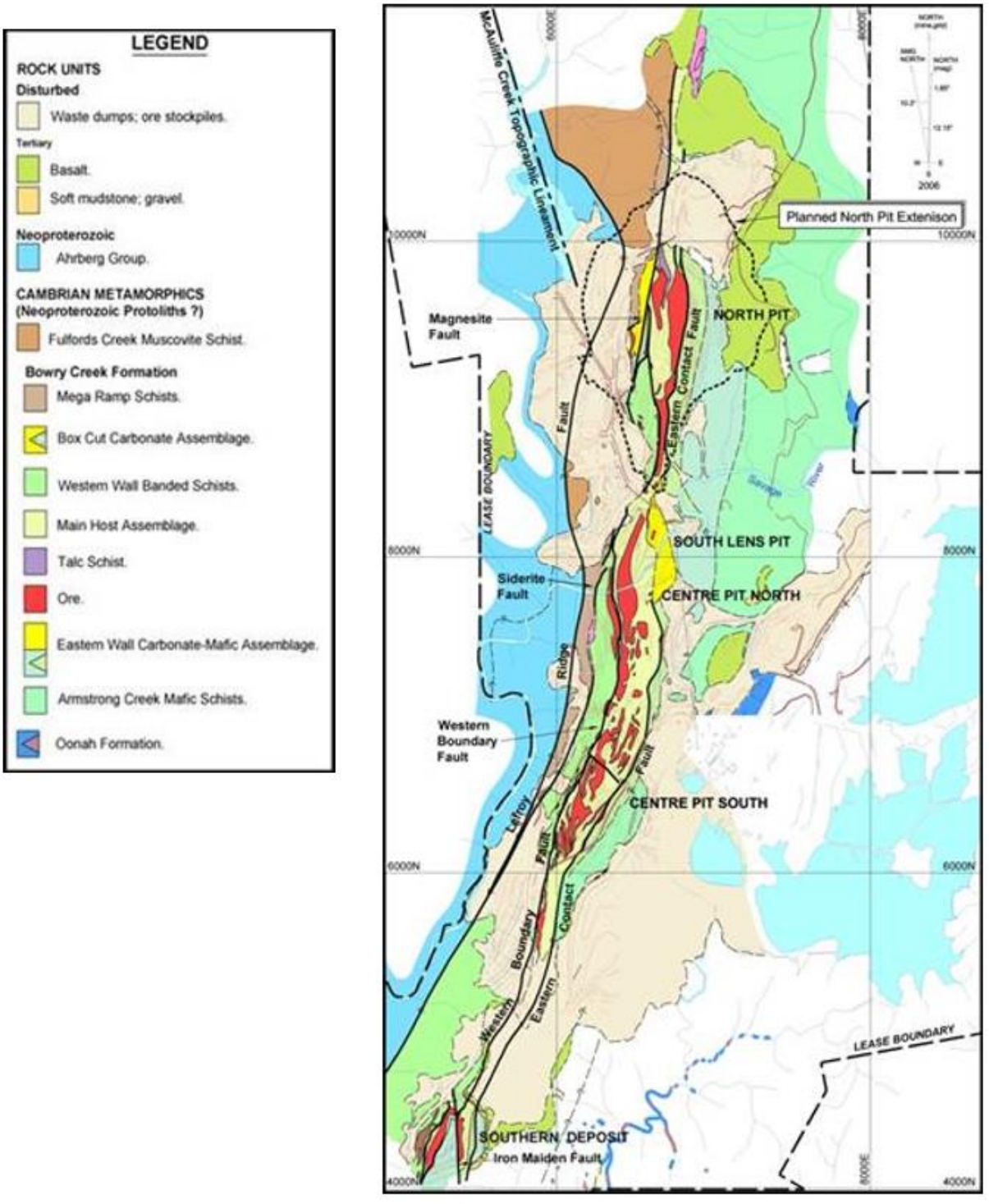

Figure 6 Regional Geology (2008)

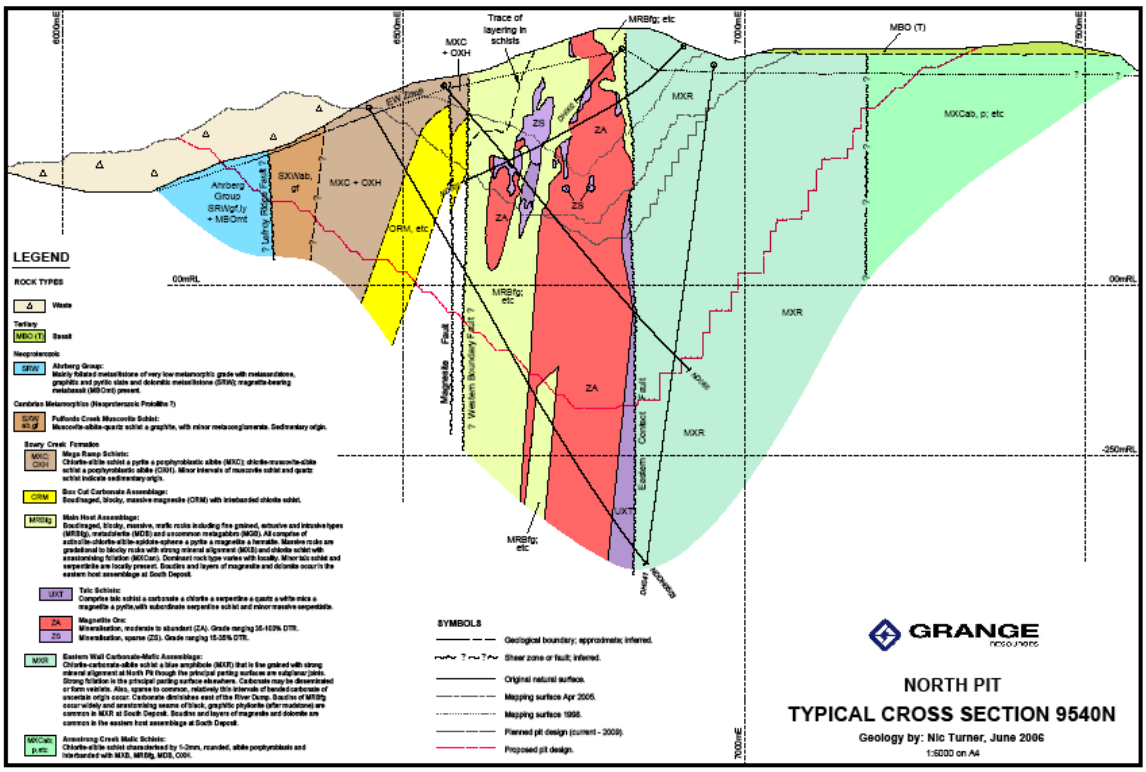

Figure 7 North Pit Typical Cross Section

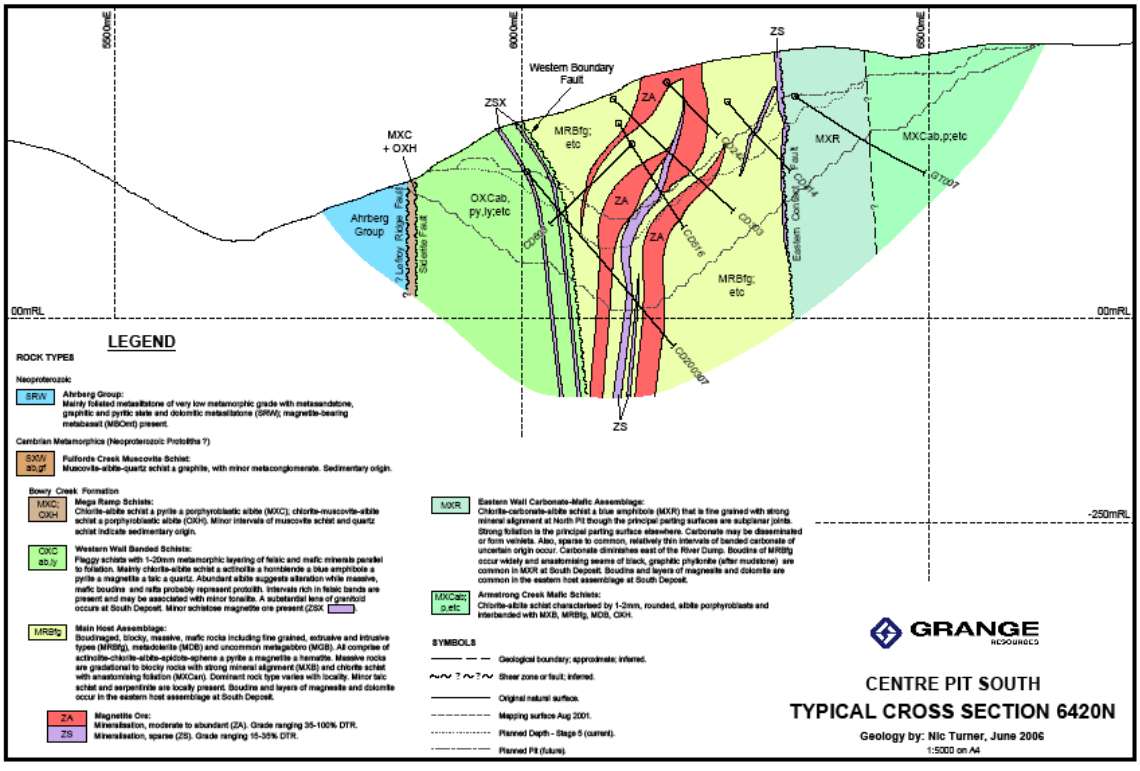

Figure 8 Centre Pit Typical Cross Section

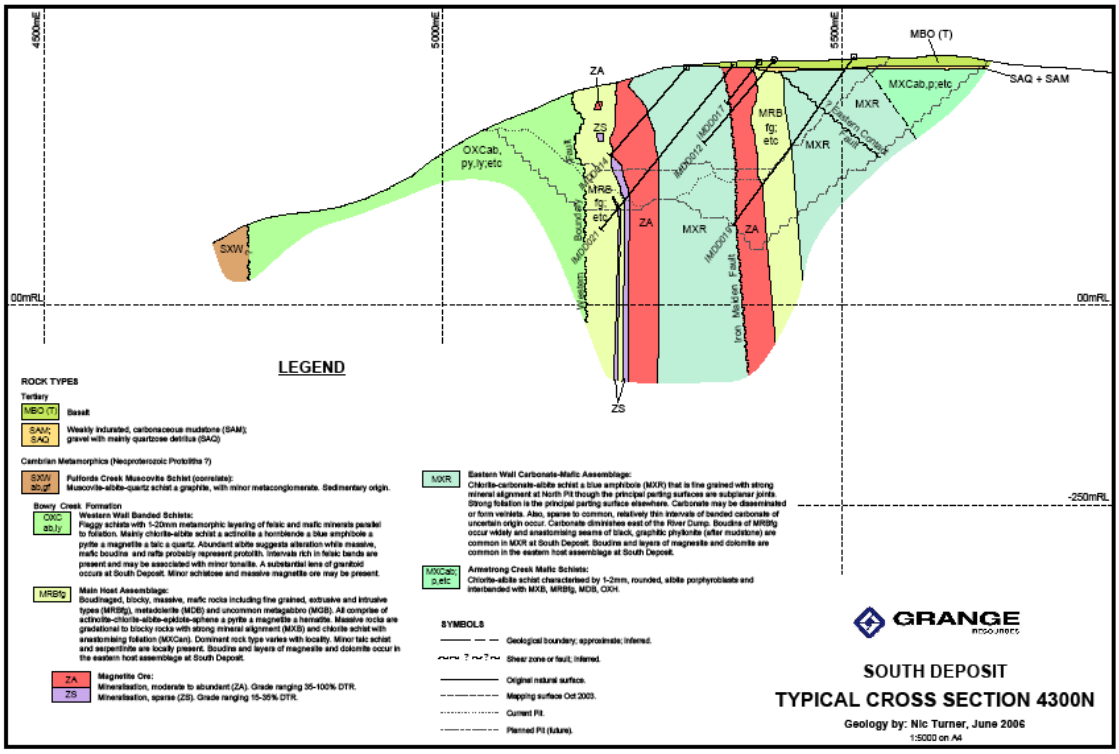

Figure 9 South Deposit Typical Cross section

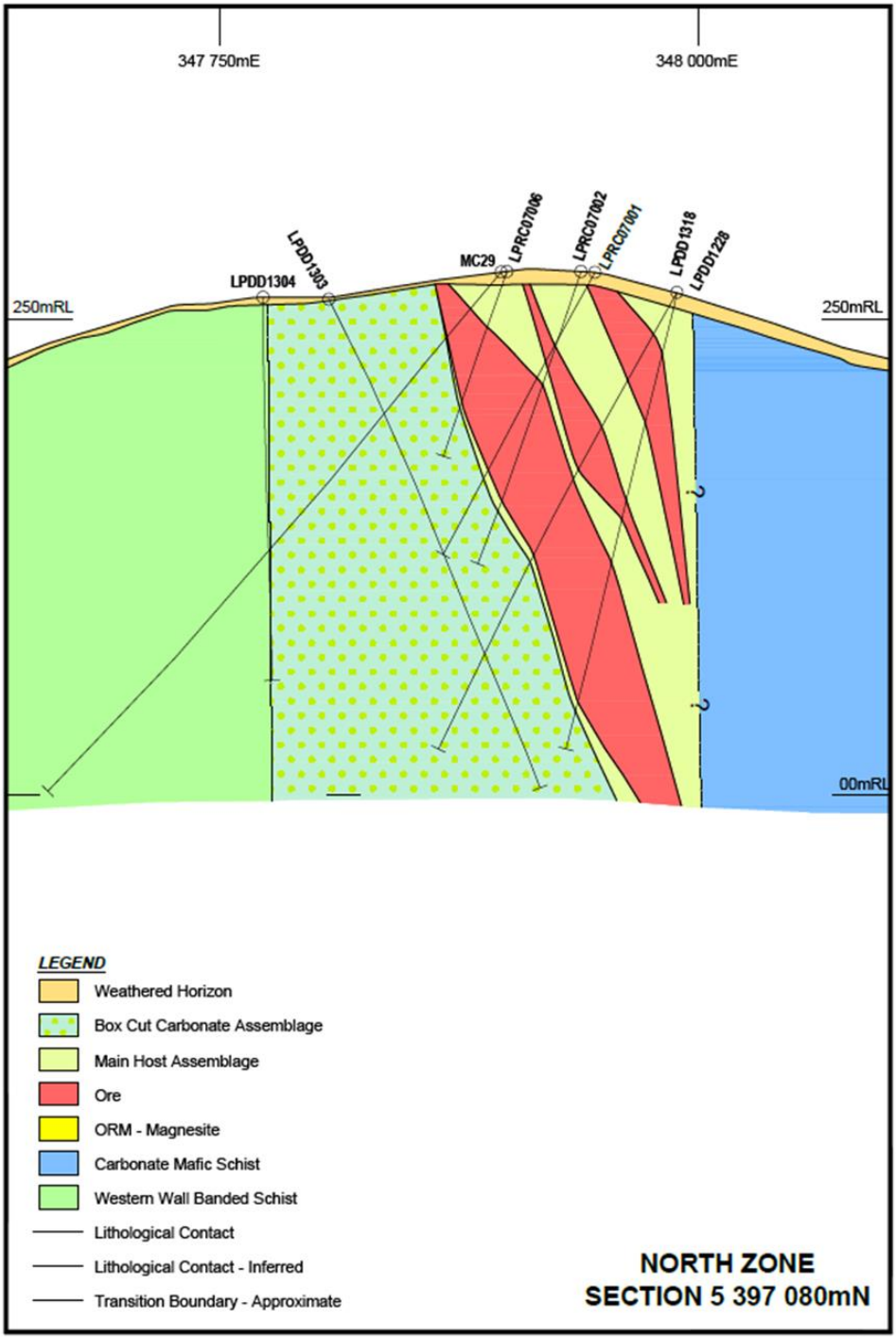

Figure 10 Long Plains Typical Cross Section

APPENDIX C - DRILL HOLE DATA

Pursuant to the guidelines established in the JORC Code (2012 Edition), the following tables represents the drill hole intercepts which support the Mineral Resource and Ore Reserve estimates for Savage River. Thirty new holes were added for the calendar year 2022 and a new resource estimate was completed in 2022. Holes drilled after June 2022 are not included in intercept as they do not inform this new resource estimate.

Table 14 North Pit Drill Intercepts as at 30th June 2022

Hole ID	X	Y	Z	Dip	Azimuth	depth from	Depth to	Max depth
DH001	9385	6761	256	-41	102	27.4	192.3	203.6
DH001	9397	6704	307	-41	102	28.9	36.6	203.6
DH002	9594	6758	270	-45	295	74.7	219	263
DH017	8530	6628	159	-67	276	18.3	61.6	65.5
DH017	8530	6621	142	-67	276	55.8	61.6	65.5
DH025	8878	6672	181	-65	270	65.7	102.4	228.3
DH025	8878	6667	170	-65	270	75.6	118	228.3
DH025	8878	6671	178	-65	270	80.2	94.5	228.3
DH026	9229	6737	278	-63	270	14	165.5	181.4
DH026	9229	6733	270	-63	270	91.7	105.5	181.4
DH026	9229	6716	235	-63	270	133.7	140.5	181.4
DH026	9229	6734	271	-63	270	79.9	114.9	181.4
DH027	9781	6758	248	-44	270	143.3	171	291.1
DH027	9781	6774	264	-46	270	126.1	143.3	291.1
DH036	9422	6750	44	-53	300	254.2	423.1	439.2
DH036	9444	6711	-17	-48	300	408.4	420.9	439.2
DH037	9524	6750	-42	-54	294	289.6	543.5	546.8
DH043	10001	6760	258	-32	275	158.5	164	186.5
DH049	9022	6633	269	-50	274	46.8	57.9	88.4
DH049	9022	6633	269	-50	274	46.8	57.9	88.4
DH050	8908	6674	217	-47	94	57.3	155.4	209.1
DH050	8910	6655	238	-48	94	58.5	97.8	209.1
DH050	8912	6625	270	-48	94	23.8	45.1	209.1
DH050	8909	6671	220	-48	94	97.8	106.7	209.1
DH051	9238	6728	252	-55	94	3.7	199	234.7
DH051	9238	6733	245	-55	94	88.4	131.1	234.7
DH052	9329	6740	209	-57	286	103.6	219.3	326.7
DH052	9340	6704	152	-55	286	216.4	242.6	326.7
DH052	9349	6670	103	-53	286	285.6	294.7	326.7
DH053	9677	6771	169	-65	286	113.7	317.6	323.7
DH053	9675	6779	182	-66	286	198.1	201.2	323.7
N88101	8752	6657	225	-90	-	0	30	30
N88102	8752	6675	229	-90	-	0	24	24
N88104	8918	6676	220	-90	-	0	30	30
ND001	9740	6754	252	-45	270	102.5	214	326
ND001	9740	6780	278	-45	270	116	127.1	326
ND001	9740	6645	143	-45	270	305.3	317.6	326
ND002	9543	6771	244	-29	270	138.5	215.4	380
ND002	9543	6658	185	-25	270	300.5	308.2	380
ND003	9134	6740	124	-34	90	193.5	285	309
ND003	9134	6726	133	-35	90	199.1	245.6	309
ND003	9134	6695	155	-36	90	180	189.7	309




Table 14 North Pit Drill Intercepts as at 30th June 2022

Hole ID	X	Y	Z	Dip	Azimuth	depth from	Depth to	Max depth
ND004	9291	6743	260	-49	270	50.1	175.9	175.9
ND004	9291	6763	283	-49	270	79.3	86.3	175.9
ND004	9291	6722	236	-50	270	143.9	146.1	175.9
ND034	9491	6772	329	-45	270	0	51.8	85
ND035	9440	6731	320	-45	270	0	76.5	85
ND035	9440	6706	295	-45	270	71.5	76.5	85
ND036	9441	6769	338	-45	90	0	27.1	71
ND037	9391	6737	314	-45	270	5.9	89.4	102.5
ND037	9391	6705	281	-45	270	89.4	97.7	102.5
ND038	9312	6719	296	-46	270	56.8	94.8	127.5
ND039	9340	6698	322	-45	270	0	72.5	78.5
ND040	9640	6789	312	-45	90	46.2	81.5	86
ND041	9517	6778	299	-45	241	28.5	108.5	108.5
ND042	9539	6788	324	-45	90	0	64.7	75.5
ND043	9195	6723	283	-47	270	2.5	143	147
ND043	9195	6717	280	-47	270	78	81	147
ND044	9250	6678	292	-50	270	46.4	111.6	112.7
ND044	9250	6707	326	-50	270	33.2	36.2	112.7
ND044	9250	6704	322	-50	270	33.2	46.4	112.7
ND045	9006	6628	265	-55	270	48.5	56.8	69.2
ND046	9141	6657	314	-55	270	0	22.4	56
ND046	9141	6633	280	-55	270	48.3	56	56
ND047	9541	6759	340	-50	270	0	19.7	43
ND048	9490	6802	327	-45	90	0	30.2	59
ND050	9491	6775	278	-45	270	34.5	132.3	145.5
ND051	9390	6734	252	-45	270	65	151.9	159.5
ND051	9390	6711	230	-45	270	128	151.9	159.5
ND051	9390	6721	239	-45	270	125	128	159.5
ND052	9339	6734	296	-45	270	1.5	71.5	110
ND053	9130	6716	254	-44	270	38.5	72.7	72.7
ND054	9097	6708	280	-40	270	5.8	17	17
ND055	9091	6691	231	-39	90	79.4	137	137
ND056	9189	6738	213	-42	270	104	158	210.5
ND056	9189	6716	192	-43	270	158	165.7	210.5
ND056	9189	6735	210	-42	270	128	144	210.5
ND057	9390	6780	233	-45	270	119.4	149	149
ND058	8742	6669	164	-43	90	67.5	144.2	153.5
ND058	8742	6653	178	-43	90	79	90.6	153.5
ND059	9590	6791	192	-60	90	94.1	252.3	262.3
ND060	8950	6665	240	-67	270	0	66.5	110
ND060	8950	6637	177	-65	270	93.2	110	110
ND060	8950	6656	220	-68	270	46.5	62.7	110
ND061	8832	6674	208	-53	270	42.5	85.5	110
ND061	8832	6668	200	-53	270	72	75	110
ND062	9042	6631	232	-40	90	81.6	87.5	165
ND063	9639	6793	232	-49	90	91.4	213.8	228.5
ND064	9440	6772	197	-45	90	105.7	217	240
ND064	9440	6734	234	-45	90	105.9	110.3	240
ND064	9440	6780	188	-45	90	170.9	175.4	240
ND065	8646	6644	193	-58	90	21.5	68.9	110
ND065	8646	6665	160	-57	90	65.4	102.4	110
ND065	8646	6662	163	-57	90	71.5	88.2	110




Table 14 North Pit Drill Intercepts as at 30th June 2022

Hole ID	X	Y	Z	Dip	Azimuth	depth from	Depth to	Max depth
ND071	9091	6716	191	-48	268	0	21	103
ND071	9090	6708	182	-48	268	21	24.3	103
ND072	9348	6759	184	-42	91	0	93.5	103
ND073	9488	6791	178	-44	83	4.1	115	130
ND076	8591	6639	94	-37	90	137.1	143.1	173.1
ND076	8592	6654	83	-37	90	143.1	173.1	173.1
ND076	8592	6664	76	-37	90	168.2	173.1	173.1
ND077	8504	6613	179	-45	91	29.2	39.2	74.2
ND080	9742	6770	31	-58	87	251.6	425	530
ND080	9745	6827	-59	-58	87	422	466.1	530
ND080	9739	6641	239	-58	90	43.3	143.6	530
ND081	9658	6781	56	-55	89	201.7	412.7	516
ND081	9658	6776	60	-56	89	287.4	314.1	516
ND081	9657	6679	205	-56	89	115.3	138.5	516
ND081	9658	6789	42	-54	89	319.5	327.7	516
ND082	9194	6762	123	-49	272	187.7	224.7	407.7
ND082	9194	6736	94	-49	272	227.7	262	407.7
ND082	9196	6692	43	-49	272	298.6	327.3	407.7
ND082	9194	6755	116	-49	272	212.5	220.6	407.7
ND083	9345	6775	-54	-60	92	294.6	475	525.7
ND083	9347	6737	13	-60	92	297.6	316.9	525.7
ND083	9346	6757	-23	-60	92	346.4	350.3	525.7
ND085	9533	6773	39	-50	89	232.1	432.2	550
ND085	9531	6653	184	-51	89	132.4	156.3	550
ND086	9828	6748	89	-57	78	245.5	316.5	433.1
ND086	9836	6784	33	-56	78	316.5	380.5	433.1
ND086	9805	6643	254	-56	78	80.3	88.7	433.1
ND086	9835	6782	36	-57	78	337.5	351.2	433.1
ND089	8649	6661	144	-52	135	109	114.3	340.1
ND089	8641	6669	130	-53	135	114.3	144.2	340.1
ND089	8641	6669	129	-53	135	128.2	132.3	340.1
ND094	8945	6681	149	-40	270	65	115.8	210
ND094	8945	6648	121	-40	270	115.8	152.2	210
ND094	8945	6675	144	-40	270	94	103.3	210
ND096	9091	6739	120	-60	270	70.6	98	185.1
ND096	9091	6724	94	-60	270	98	132	185.1
ND097	8890	6700	105	-63	270	92.7	149.9	257.5
ND097	8890	6679	64	-62	270	149.9	183.9	257.5
ND097	8890	6658	26	-61	270	202	218.8	257.5
ND097	8890	6694	92	-63	270	132.1	139.9	257.5
ND098	8840	6692	138	-56	270	80	107.8	205.7
ND099	8740	6677	146	-64	270	63.6	111.3	137
ND099	8740	6678	150	-64	270	81.3	86.4	137
ND100	8640	6670	57	-63	90	188.1	205.1	214.7
ND100	8640	6663	70	-63	90	175.8	188.1	214.7
ND100	8640	6668	60	-63	90	188.1	197.8	214.7
ND101	8563	6664	56	-48	71	161.8	220.5	235
ND101	8554	6640	83	-48	71	145	161.8	235
ND101	8557	6647	74	-48	71	161.8	169.5	235
ND103	8590	6654	195	-50	90	4	38	100
ND103	8590	6647	203	-50	90	0	20	100
ND104	8675	6680	151	-60	90	68	74	87




Table 14 North Pit Drill Intercepts as at 30th June 2022

Hole ID	X	Y	Z	Dip	Azimuth	depth from	Depth to	Max depth
ND104	8675	6662	182	-60	90	0	70	87
ND106	9798	6756	294	-60	270	58	78	100
ND109	9784	6644	303	-60	178	14	48	78
ND110	9750	6633	297	-60	270	14	64	100
ND200101	9781	6773	152	-44	267	212.9	303.9	370
ND200101	9782	6788	166	-44	267	216.4	259.2	370
ND200101	9780	6766	145	-44	268	262.5	273.9	370
ND200102	9390	6717	116	-59	269	0	8	162.4
ND200102	9389	6677	48	-59	269	78.4	87	162.4
ND200103	9393	6769	48	-56	86	0	172.4	185
ND200103	9392	6744	86	-56	86	35.1	44.9	185
ND200103	9394	6785	24	-56	86	113.6	115.6	185
ND200103	9391	6732	103	-55	86	8.8	30.9	185
ND200103	9392	6744	86	-56	86	29.2	50.8	185
ND200103	9394	6786	24	-56	86	113.6	117.6	185
ND200104	9833	6757	148	-51	268	198	287.7	296.2
ND200104	9834	6770	164	-51	268	202.5	243.2	296.2
ND200111	9738	6776	147	-40	270	213	351.4	380.1
ND200111	9738	6803	171	-40	270	221.2	271.3	380.1
NDDH0501	9188	6760	33	-68	268	102.9	226	483.9
NDDH0501	9188	6743	-7	-67	268	193	222	483.9
NDDH0501	9187	6706	-97	-68	269	276.8	334	483.9
NDDH0501	9188	6765	46	-68	268	142	158.7	483.9
NDDH0503	9558	6688	-154	-60	82	467.2	490	783.1
NDDH0503	9568	6763	-274	-57	83	541.3	699.6	783.1
NDDH0503	9555	6672	-125	-60	82	428.5	463.1	783.1
NDDH0504	9393	6770	-72	-60	87	125.1	315.1	334
NDDH0504	9394	6789	-105	-60	87	258	259	334
NDDH0504	9389	6659	115	-57	89	0	6.7	334
NDDH0504	9394	6790	-106	-60	87	258	263	334
NDDH0505	9486	6767	-16	-53	89	57.7	262	314.8
NDDH0506	9286	6762	-90	-62	94	145.3	349.4	351.4
NDDH0506	9288	6733	-36	-61	94	186.1	187.1	351.4
NDDH0506	9284	6794	-148	-62	94	308	320	351.4
NDDH0506	9287	6743	-54	-61	94	184	230	351.4
NDDH0506	9291	6683	54	-61	93	64.5	102	351.4
NDDH0506	9288	6732	-34	-61	94	182	187.1	351.4
NDDH0506	9284	6794	-148	-62	94	308	320	351.4
NDDH0507	9728	6762	-101	-59	91	306.3	507.7	560.5
NDDH0507	9729	6646	91	-57	91	173.9	191.6	560.5
NDDH0507	9728	6776	-125	-59	91	434.4	436	560.5
NDDH0508	9664	6713	-133	-59	83	455.8	477.4	477.4
NDDH0508	9657	6650	-32	-57	84	316	378	477.4
NDDH0601	9961	6767	-84	-54	70	430	536	603.4
NDDH0601	9971	6794	-124	-53	70	527	536	603.4
NDDH0601	9924	6664	65	-53	70	290	304.3	603.4
NDDH0602	9928	6764	5	-40	266	472.9	553.2	750.1
NDDH0602	9930	6785	23	-39	266	476	496	750.1
NDDH0602	9915	6631	-113	-43	264	686	697.5	750.1
NDDH0606	9056	6749	23	-54	89	168.7	277.5	285.5
NDDH0606	9056	6744	30	-54	89	210.2	218.9	285.5
NDDH0606	9056	6725	55	-54	89	181.8	184.6	285.5




Table 14 North Pit Drill Intercepts as at 30th June 2022

Hole ID	X	Y	Z	Dip	Azimuth	depth from	Depth to	Max depth
NDDH0606	9055	6648	159	-53	89	50.6	57.4	285.5
NDDH0606	9056	6744	30	-54	89	210.2	218.9	285.5
NDDH0607	9003	6753	-36	-60	83	250	317.5	317.5
NDDH0607	8996	6687	80	-59	85	149.8	150.8	317.5
NDDH0607	8999	6708	42	-60	84	127	261	317.5
NDDH0607	8992	6630	171	-57	87	29.9	55.3	317.5
NDDH0607	8998	6697	61	-59	85	94.7	247.9	317.5
NDDH0608	9641	6650	103	-56	271	3	58	107.3
NDDH0609	9593	6651	95	-55	274	12	55	201.5
NDDH0610	9572	6654	89	-55	231	19	62.8	130.5
NDDH0611	9483	6660	46	-56	295	71.5	85	181.5
NDDH0612	9456	6661	57	-56	261	59.9	70	146.6
NDDH0613	9643	6779	-11	-52	93	59.9	294	315.5
NDDH0613	9644	6763	7	-52	93	146	160	315.5
NDDH0614	8958	6691	60	-49	253	193	195	276.3
NDDH0614	8962	6705	76	-49	253	171	174	276.3
NDDH0614	8962	6705	75	-49	253	135.4	211.3	276.3
NDDH0614	8949	6658	18	-50	254	222	275	276.3
NDDH0614	8959	6694	63	-49	254	169	211.3	276.3
NDDH0615	9151	6761	26	-57	309	163.4	238	263.6
NDDH0615	9167	6741	-13	-56	309	238	257.6	263.6
NDDH0615	9151	6761	26	-57	310	196.2	204.6	263.6
NDDH0616	9089	6742	36	-56	274	138.5	243	287.7
NDDH0616	9090	6732	20	-57	274	207	212	287.7
NDDH0616	9092	6694	-39	-58	273	272.1	287.7	287.7
NDDH0616	9089	6748	45	-56	274	179.3	181.3	287.7
NDDH07001	8639	6663	183	-54	87	1.6	19.5	120
NDDH07001	8639	6657	191	-54	88	0	1.6	120
NDDH07002	8689	6681	45	-56	270	192	197	225.4
NDDH07002	8689	6679	41	-56	270	196	201.5	225.4
NDDH07022	8836	6698	100	-58	267	111.4	157.5	243.2
NDDH07022	8836	6690	87	-58	267	149	152.1	243.2
NDDH07022	8836	6691	88	-58	267	147	152.1	243.2
NDDH07023	8995	6726	97	-50	275	120.9	151	204.2
NDDH07023	8996	6709	76	-51	275	120.9	204.2	204.2
NDDH07023	8998	6690	53	-51	274	180	204.2	204.2
NDDH08035	9534	6802	58	-90	90	0	25	25
NDDH08036	9340	6778	56	-60	346	0	47.2	47.2
NDDH08037	9469	6796	61	-60	350	0	10	10
NDDH08038	9477	6799	48	-60	13	0	41	41
NDDH09054	10138	6771	245	-53	95	66	134.3	163.7
NDDH09055	10189	6774	240	-52	88	91.5	127.6	149.6
NDDH09056	10035	6762	233	-61	97	89.3	112.2	118.4
NDDH09063	10307	6758	183	-53	285	189.3	195.8	259.5
NDDH09064	9985	6773	121	-52	92	221	233	349.3
NDDH09064	9985	6754	145	-52	92	172	221	349.3
NDDH09064	9989	6658	264	-51	92	41.5	46	349.3
NDDH09065	9936	6767	109	-50	269	257.3	298.5	329.2
NDDH09065	9936	6768	109	-50	269	265	289.5	329.2
NDDH10066	10028	6785	126	-50	265	250	253.1	368.5
NDDH10066	10028	6793	136	-50	265	225.4	252	368.5
NDDH10067	10139	6786	69	-56	87	282	296.3	296.3




Table 14 North Pit Drill Intercepts as at 30th June 2022

Hole ID	X	Y	Z	Dip	Azimuth	depth from	Depth to	Max depth
NDDH10067	10136	6674	237	-55	92	68.8	104.6	296.3
NDDH10068	10093	6789	169	-50	87	149.2	167.6	206.5
NDDH10069	9938	6751	223	-50	93	61.6	73.6	177.8
NDDH10069	9937	6763	208	-51	94	73.6	100.4	177.8
NDDH10070	10084	6795	176	-50	295	158	182	295.1
NDDH10071	10063	6793	31	-50	254	379	385.2	510
NMAP08010	9090	6628	190	0	88	62.3	136	136
NP005	9492	6785	356	-90	270	0	39.5	39.5
NP006	9341	6715	346	-60	270	0	33	33
NP008	9687	6783	314	-58	90	48	66	66
NP010	9444	6759	347	-59	90	0	45	45
NP011	9340	6742	338	-60	270	3	65	65
NP012	9587	6787	343	-60	90	18	39	39
NP013	9190	6687	314	-60	270	0	48	48
NP014	9340	6756	328	-60	270	38	57	57
NP016	9441	6768	339	-90	-	0	72	72
NP017	9240	6759	316	-60	90	6	57	69
NP018	9090	6660	298	-60	270	0	39	43
NP019	9192	6745	321	-90	180	0	15	15
NP021	9091	6675	303	-90	270	0	23	23
NP024	9243	6707	314	-90	-	21	33	33
NP025	9139	6690	273	-90	-	0	96	96
NP2018_05	9878	6754	2	-50	260	9.8	70	292.5
NP2018_05	9882	6776	29	-50	260	0	9.8	292.5
NP2018_05	9855	6636	-150	-51	260	228.2	239.2	292.5
NP2018_06	9892	6791	21	-49	48	0	30.8	202
NP8701	9140	6690	242	-90	-	0	27	27
NP8703	9515	6778	271	-90	-	0	24	24
NP8704	9480	6790	273	-90	-	0	21	21
NP8705	9463	6769	264	-90	270	0	36	36
NP8706	9091	6687	236	-90	-	0	36	36
NP8707	9288	6715	239	-90	270	0	36	36
NP8708	9239	6710	238	-90	180	0	36	36
NP8709	9157	6737	237	-90	-	0	36	36
NP8710	8789	6675	225	-90	-	0	21	21
NP8711	9288	6662	270	2	302	9	18	54
NP8712	9489	6815	252	-90	-	18	42	42
NP8713	9490	6795	261	-90	-	0	42	42
NP8714	9490	6780	279	-90	-	0	6	6
NP8715	9490	6764	261	-90	-	0	42	42
NP8717	9540	6797	266	-90	-	0	33	33
NP8718	9253	6641	283	-90	-	0	9	9
NP8723	9251	6625	280	-90	-	0	15	21
NP8724	9238	6629	277	-90	-	0	21	21
NP8727	9490	6750	264	-90	-	0	36	36
NP8729	9540	6765	266	-90	270	0	33	33
NP8730	9515	6810	251	-90	-	21	42	42
NP8731	9515	6795	264	-90	180	0	36	36
NP8732	9566	6807	252	-90	-	27	33	33
NP8733	9515	6760	261	-90	-	0	42	42
NP8735	9051	6690	238	-90	-	0	33	33
NP8736	9065	6690	244	-90	-	0	21	21




Table 14 North Pit Drill Intercepts as at 30th June 2022

Hole ID	X	Y	Z	Dip	Azimuth	depth from	Depth to	Max depth
NP8737	9065	6703	236	-90	-	15	21	21
NP8738	9015	6690	239	-90	-	0	33	33
NP8739	9065	6678	248	-90	-	0	15	21
NP8742	9090	6680	246	-90	-	0	18	18
NP8743	9091	6667	254	-90	-	0	3	21
NP8744	9116	6677	254	-90	-	0	3	3
NP8745	9115	6689	254	-90	-	0	3	3
NP8746	9140	6679	251	-90	90	0	9	9
NP8801	9139	6678	251	-90	-	0	9	21
NP8802	9142	6691	245	-90	-	0	21	21
NP8803	9115	6701	245	-90	180	0	21	21
NP8803	9115	6701	239	-90	-	15	18	21
NP8805	8935	6680	245	-90	-	0	18	18
NP8806	8915	6688	244	-90	-	0	21	21
NP8808	8915	6674	247	-90	-	0	12	12
NP8811	9166	6720	249	-90	-	0	12	12
NP8812	9127	6710	250	-90	-	0	9	9
NP8813	9167	6699	245	-90	-	0	21	21
NP8814	9191	6702	254	-90	-	0	3	3
NP8815	9192	6720	254	-90	-	0	3	3
NP8815	9192	6720	254	-90	-	0	3	3
NP8816	9215	6725	252	-90	-	0	6	6
NP8817	9213	6706	245	-90	180	0	21	21
NP8818	9240	6732	254	-90	-	0	3	3
NP8819	9262	6732	245	-90	207	0	21	21
NP8821	9387	6785	248	-90	-	12	30	30
NP8822	9438	6789	253	-90	-	3	33	33
NP8823	9437	6768	255	-90	270	0	33	33
NP8824	9412	6767	270	-90	-	0	3	3
NP8825	9239	6760	254	-90	-	0	24	24
NP8827	9290	6766	256	-90	207	0	21	21
NP8827	9290	6766	256	-90	207	0	21	21
NP8828	9315	6761	251	-90	-	0	33	33
NP8829	9315	6774	254	-90	-	0	27	27
NP8835	9240	6636	266	-90	-	0	21	21
NP8836	9238	6660	271	-90	90	0	9	21
NP8840	9144	6634	268	-90	-	0	27	27
NP8841	9110	6623	274	-90	-	0	15	27
NP8842	9090	6614	274	-90	-	0	18	27
NP8845	9141	6622	280	-90	-	0	3	12
NP8847	8814	6672	225	-90	-	0	21	21
NP8849	8839	6682	230	-90	-	0	12	12
NP8850	8839	6669	227	-90	-	0	18	18
NP8853	8863	6676	229	-90	270	0	15	15
NP8854	8890	6676	229	-90	270	0	15	15
NP8855	8892	6659	232	-90	-	0	9	9
NP8858	8865	6662	233	-90	-	0	3	3
NP8859	9154	6747	229	-90	-	24	27	27
NP8860	9174	6754	228	-90	-	21	33	33
NP8862	9190	6730	254	-90	-	0	3	3
NP8863	9172	6720	246	-90	-	0	18	21
NP8863	9172	6720	236	-90	-	18	21	21




Table 14 North Pit Drill Intercepts as at 30th June 2022

Hole ID	X	Y	Z	Dip	Azimuth	depth from	Depth to	Max depth
NP8864	9232	6760	254	-90	-	0	3	3
NP8865	9215	6740	254	-90	-	0	3	3
NP8870	8968	6656	234	-90	-	0	12	12
NP8871	8992	6664	230	-90	-	0	21	21
NP8873	8943	6632	223	-90	-	12	21	21
NP8874	8943	6653	229	-90	-	0	21	21
NP8875	8914	6651	232	-90	270	0	15	15
NP8876	8918	6631	233	-90	-	0	12	12
NPRC07009	9115	6715	132	-59	337	0	39	72
NPRC07010	9111	6713	139	-62	252	0	18	71
NPRC07011	9082	6716	150	-65	296	0	3	70
NPRC07011	9083	6713	142	-65	296	3	18	70
NPRC07012	9077	6716	149	-54	251	0	7	80
NPRC07013	9021	6688	127	-55	253	0	71	88
NPRC07013	9017	6673	105	-55	253	54	71	88
NPRC07014	9031	6701	150	-65	296	0	14	88
NPRC07015	8982	6685	141	-54	287	0	51	100
NPRC07015	8990	6657	102	-52	287	64	84	100
NPRC07015	8989	6662	109	-52	287	47	84	100
NPRC07016	8971	6674	118	-57	256	47	56	120
NPRC07016	8974	6685	136	-57	256	4	56	120
NPRC07016	8966	6653	85	-57	256	87	94	120
NPRC07016	8971	6673	117	-57	256	47	59	120
NPRC07017	8840	6674	157	-53	270	19	25	60
NPRC07017	8840	6675	159	-53	270	17	24	60
NPRC07017	8840	6664	145	-52	270	37	39	60
NPRC07017	8840	6677	162	-53	270	9	24	60
NPRC07018	8793	6669	161	-64	270	17	24	41
NPRC07018	8793	6663	149	-64	270	33	35	41
NPRC07018	8793	6669	161	-64	270	19	23	41
NPRC07019	8890	6688	159	-66	271	12	13	91
NPRC07019	8891	6664	106	-65	271	70	71	91
NPRC07019	8890	6676	133	-66	271	12	70	91
NPRC07019	8890	6682	145	-66	271	26	29	91
NPRC07020	8929	6706	110	-54	279	109	154	154
NPRC07020	8930	6699	100	-54	279	143	144	154
NPRC07021	8884	6728	61	-61	267	167	195	195
NPRC09039	9002	6700	123	-50	273	4	40	40
NPRC09039	9002	6689	110	-50	273	39	40	40
NPRC09040	8993	6689	116	-50	274	9	54	60
NPRC09040	8995	6671	94	-50	274	59	60	60
NPRC09040	8994	6678	102	-50	274	40	60	60
NPRC09041	8989	6713	124	-50	267	21	22	60
NPRC09041	8988	6697	104	-49	267	34	60	60
NPRC09042	9015	6711	124	-49	270	0	43	50
NPRC09043	9040	6729	115	-51	270	9	54	65
NPRC09043	9040	6716	99	-51	270	51	53	65
NPRC09044	9015	6720	106	-51	270	25	60	70
NPRC09044	9015	6706	89	-51	270	60	70	70
NPRC09045	9003	6707	111	-51	270	24	52	60
NPRC09045	9003	6704	107	-51	270	25	60	60
NPRC09045	9003	6695	96	-51	270	54	60	60




Table 14 North Pit Drill Intercepts as at 30th June 2022

Hole ID	X	Y	Z	Dip	Azimuth	depth from	Depth to	Max depth
NPRC09047	10211	6777	296	-50	95	31	71	75
NPRC09048	10145	6780	272	-52	90	32	99	100
NPRC09052	10042	6773	307	-49	80	4	34	70
NPRC09053	9996	6762	316	-49	85	4	9	70
NPRC09058	10336	6771	290	-48	94	42	49	82
NPRC09059	10314	6773	302	-54	89	18	35	58
NPRC09060	10283	6784	275	-46	117	62	71	82
NPRC09061	10394	6764	313	-47	86	9	55	76
NPRC09062	10370	6771	293	-47	100	55	64	76
NPRC10072	9990	6765	221	-42	90	75	78	124
NPRC10072	9990	6755	231	-43	90	50	76	124
NPRC10073	9926	6750	265	-48	128	9	20	91
NPRC10073	9919	6758	253	-48	128	20	41	91
NPRC10076	8790	6709	51	-52	90	12	114	119
NPRC10076	8790	6689	77	-52	90	23	36	119
NPRC10076	8790	6693	72	-53	90	23	49	119
NPRC10077	10390	6699	245	-50	270	75	79	100
NPRC10079	10342	6697	243	-49	272	75	84	100
NPRC10086	8591	6661	119	-60	273	37	74	105
NPRC10086	8591	6667	129	-60	273	44	45	105
NPRC10086	8592	6646	91	-60	273	73	102	105
NPRC10086	8591	6665	126	-60	273	44	51	105
NPRC10087	8591	6669	83	-59	259	92	108	114
NPRC10087	8590	6663	72	-59	259	112	113	114
NPRC10087	8590	6664	73	-59	259	108	114	114
NPRC10087	8590	6664	73	-59	259	108	114	114
NPRC10089	8753	6706	63	-61	227	18	57	108
NPRC10089	8744	6698	41	-61	227	57	67	108
NPRC10091	8690	6649	152	-56	94	1	2	84
NPRC10091	8689	6666	128	-56	94	1	61	84
NPRC10092	8546	6654	130	-60	258	20	66	66
NPRC10092	8546	6654	132	-60	258	41	42	66
NPRC10092	8546	6655	133	-60	258	40	41	66
NPRC10092	8546	6652	127	-60	258	41	53	66
NPUG2018_01	8988	6827	-520	-50	268	1029.7	1039	1121.9
NPUG2018_01	8987	6793	-559	-48	268	1079	1093	1121.9
NPUG2018_02	9942	6774	-330	-62	274	645	685.7	875
NPUG2018_02	9951	6690	-481	-60	277	833.6	844.4	875
NPUG2018_03	9945	6759	-275	-61	277	574.7	667.3	758.9
NPUG2018_03	9942	6784	-230	-61	277	564.4	574.7	758.9
NPUG2018_04	10138	6774	-238	-65	286	547.3	624	997
NPUG2018_04	10135	6786	-213	-65	285	548.3	568	997
NPUG2018_04	10167	6685	-428	-64	290	774.7	821.3	997
NPUG2018_05	9202	6776	-285	-40	282	774.1	918.3	1088.1
NPUG2018_05	9201	6781	-279	-41	282	837.4	838.4	1088.1
NPUG2018_05	9204	6767	-292	-41	282	848.3	867	1088.1
NPUG2018_05	9233	6620	-420	-40	280	1050	1058.9	1088.1
NPUG2018_05	9200	6788	-273	-40	282	819	838.4	1088.1
NPUG2018_06	9135	6761	-180	-36	269	717.9	838	887.5
NPUG2018_06	9135	6782	-166	-35	269	751.4	754.4	887.5
NPUG2018_06	9135	6757	-183	-36	269	776.6	789	887.5
NPUG2018_06	9135	6723	-207	-35	269	819	830.2	887.5




Table 14 North Pit Drill Intercepts as at 30th June 2022

Hole ID	X	Y	Z	Dip	Azimuth	depth from	Depth to	Max depth
NPUG2018_06	9135	6777	-169	-35	269	750.4	765.4	887.5
NPUG2018_07	10082	6778	-458	-71	267	755.8	819.5	939.3
NPUG2018_08	9327	6770	-185	-39	276	710	827.1	827.1
NPUG2018_08	9327	6768	-187	-39	276	764.8	776.5	827.1
NPUG2018_08	9327	6768	-187	-39	276	762.8	778.4	827.1
NPUG2018_09	9326	6772	-304	-45	278	811	894	983.3
NPUG2018_09	9334	6718	-357	-44	278	925.9	931.6	983.3
NPUG2018_09	9327	6761	-315	-44	278	866.8	869.3	983.3
NPUG2018_10	9411	6792	-290	-47	259	785	889.9	1115
NPUG2018_10	9390	6691	-401	-46	257	985	991.5	1115
NPUG2018_10	9381	6650	-445	-46	256	1043.3	1055.6	1115
NPUG2018_10	9411	6790	-292	-47	259	837.7	842	1115
NPUG2018_11	10120	6763	-169	-58	139	442	584.2	638.6
NPUG2018_11	10216	6676	49	-60	138	243	276.3	638.6
NPUG2018_11	10177	6712	-41	-59	138	342.5	387	638.6
NPUG2018_12	9495	6778	-162	-39	274	691.8	809	968.2
NPUG2018_12	9502	6686	-236	-39	275	867.5	870.4	968.2
NPUG2018_13	10191	6758	-388	-72	270	662	771	956.7
NPUG2018_13	10190	6717	-504	-68	270	818.9	860	956.7
NPUG2018_14	9548	6788	-182	-40	260	670.9	805	1131
NPUG2018_14	9530	6683	-272	-40	260	874	881	1131
NPUG2018_15	9037	6778	-197	-36	264	774.8	852.9	971.1
NPUG2018_15	9034	6747	-220	-36	264	829.6	875.6	971.1
NPUG2018_16	9744	6785	-507	-59	262	918.1	977.3	1148.6
NPUG2018_16	9743	6778	-519	-59	262	961	964	1148.6
NPUG2018_16	9731	6703	-641	-57	261	1087.9	1123	1148.6
NPUG2018_16	9745	6795	-490	-60	262	893.5	964	1148.6
NPUG2018_17	9714	6773	-257	-52	254	668	813.8	1022.2
NPUG2018_17	9717	6785	-242	-52	254	711.6	731	1022.2
NPUG2018_17	9683	6662	-399	-50	254	913.8	931.8	1022.2
NPUG2018_17	9718	6786	-240	-52	254	707.1	731	1022.2
NPUG2018_18b	9793	6765	-369	-55	267	822.7	844.7	1028.5
NPUG2018_18b	9794	6792	-330	-55	268	783.7	789.8	1028.5
NPUG2018_18b	9790	6718	-434	-53	265	909.6	919.2	1028.5
NPUG2018_18b	9786	6651	-522	-52	266	1020.8	1028.5	1028.5
NPUG2018_18b	9793	6772	-360	-55	267	810.2	835.2	1028.5
NPUG2018_19	10252	6758	93	-41	279	290.3	300.7	722.6
NPUG2018_19	10265	6677	23	-40	279	399.9	406.4	722.6
NPUG2022_20	10200	6789	-40	-58	118	354.5	402.4	467.6
NPUG2022_20	10261	6686	145	-57	123	133.9	182	467.6
NPUG2022_23	10309	6688	70	-70	89	209.9	228.3	587.8
NRC200403	9821	6766	270	-55	89	0	23	65
NRC200405	9821	6757	255	-52	87	29	38	102
NRC200405	9821	6769	241	-51	87	37	67	102
NRC200406	9843	6762	268	-55	92	1	30	102
NRC200406	9843	6762	268	-55	92	2	29	102
NRC200408	9845	6756	239	-55	90	51	57	102
NRC200408	9845	6770	221	-55	90	57	96	102
NRC200408	9845	6767	224	-55	90	71	75	102
NRC200509	9720	6747	145	-59	140	28	152	152
NRC200510	9722	6767	158	-62	176	0	140	140
NRC200611	9029	6730	93	-54	268	98	168	202




Table 14 North Pit Drill Intercepts as at 30th June 2022

Hole ID	X	Y	Z	Dip	Azimuth	depth from	Depth to	Max depth
NRC200611	9028	6720	79	-54	268	146	154	202
NRC200611	9028	6706	60	-53	268	152	196	202
NRC200611	9028	6720	79	-54	268	146	154	202
NRC200612	9155	6740	88	-56	245	28	120	180
NRC200612	9148	6726	64	-55	245	88	118	180
NRC200612	9134	6694	15	-52	245	158	168	180
NRC200612	9156	6743	91	-57	245	52	88	180
NRC200613	9230	6762	103	-55	268	38	76	196
NRC200613	9230	6758	96	-55	268	64	66	196
NRC200613	9230	6743	76	-53	268	76	104	196
NRC200613	9227	6685	3	-49	268	172	194	196
NRC200613	9230	6753	90	-54	268	52	94	196
NRC200614	8990	6734	124	-47	269	104	106	196
NRC200614	8990	6706	95	-45	269	112	180	196
NRC200614	8989	6676	65	-43	269	180	196	196
NRC200614	8989	6681	70	-43	269	166	196	196
NRC200615	8797	6689	125	-51	282	86	122	170
NRC200615	8799	6680	114	-50	282	118	120	170
NRC200615	8799	6680	114	-50	282	118	120	170
UDDH2019_02	8724	6694	-52	-29	265	285.9	342	381.1
UDDH2019_02	8724	6690	-54	-29	265	294.9	342	381.1
UDDH2019_02	8725	6702	-47	-29	266	301	308.6	381.1
UDDH2019_03	8909	6743	-138	-42	304	343.8	385.4	652.9
UDDH2019_03	8925	6720	-164	-43	304	393.2	414	652.9
UDDH2019_03	8932	6708	-177	-43	304	404.4	440.3	652.9
UDDH2019_03	8903	6752	-128	-42	304	348	352.6	652.9
UDDH2019_04	8807	6718	-206	-50	282	391.7	411.7	563.2
UDDH2019_04	8810	6704	-223	-50	282	411.1	437.4	563.2
UDDH2019_04	8821	6650	-291	-52	281	503.9	520.1	563.2
UDDH2019_04	8808	6713	-212	-50	282	409	411.1	563.2
UDDH2019_05	9014	6768	-192	-39	303	408.3	480.4	846.1
UDDH2019_05	9028	6747	-213	-39	303	449.1	505	846.1
UDDH2019_05	9046	6720	-240	-40	304	506	531.6	846.1
UDDH2019_06	9056	6754	-93	-22	285	363.4	453.7	615.1
UDDH2019_06	9062	6730	-103	-21	285	411.7	459.1	615.1
UDDH2019_06	9072	6694	-118	-21	285	471.4	480.1	615.1
UDDH2019_06	9055	6757	-92	-22	284	395	416.7	615.1
UDDH2019_07	9151	6777	-83	-17	281	366.5	450.3	632.5
UDDH2019_07	9149	6783	-81	-17	280	401.7	402.7	632.5
UDDH2019_07	9156	6748	-92	-16	283	436	441.7	632.5
UDDH2019_07	9163	6720	-100	-17	284	464	473.3	632.5
UDDH2019_07	9149	6786	-80	-17	280	394.7	402.7	632.5
UDDH2019_08	9154	6756	-217	-31	278	426.9	543.5	813.3
UDDH2019_08	9150	6787	-198	-30	279	448.2	449.2	813.3
UDDH2019_08	9154	6760	-214	-31	278	473	486.9	813.3
UDDH2019_08	9150	6785	-199	-30	279	446.2	455.3	813.3
UDDH2020_10	9470	6779	-213	-28	284	394.9	503	670
UDDH2020_10	9493	6685	-266	-30	284	558	560	670
UDDH2020_10	9467	6790	-206	-28	283	432.7	438.8	670
UDDH2020_11	9308	6763	-208	-24	263	401.2	504	652.2
UDDH2020_11	9311	6782	-200	-25	263	427.4	435	652.2
UDDH2020_11	9301	6705	-234	-22	264	515	517.2	652.2




Table 14 North Pit Drill Intercepts as at 30th June 2022

Hole ID	X	Y	Z	Dip	Azimuth	depth from	Depth to	Max depth
UDDH2020_11	9308	6762	-209	-24	263	427.4	480.5	652.2
UDDH2020_12	9393	6767	-222	-26	275	399.7	503.2	650.6
UDDH2020_12	9398	6706	-251	-24	275	517	522.4	650.6
UDDH2020_13	9450	6768	-141	-18	280	367.6	480.5	592.3
UDDH2020_13	9459	6716	-158	-19	281	478.1	480.5	592.3
UDDH2020_13	9464	6689	-167	-19	280	507.5	509	592.3
UDDH2020_14	9554	6815	-220	-34	279	345.2	352.6	383.5
UDDH2020_14A	9570	6783	-237	-35	281	343.5	429.7	617.8
UDDH2020_14A	9592	6675	-316	-36	281	514.3	530.4	617.8
UDDH2020_15	9690	6779	-281	-33	300	402.7	502.9	735
UDDH2020_15	9685	6788	-274	-33	301	437.9	442	735
UDDH2020_15	9736	6698	-343	-34	298	561	569.2	735
UDDH2020_15	9765	6645	-383	-32	300	630.2	643	735
UDDH2020_15	9685	6788	-274	-33	301	437.9	442	735
UDDH2020_16	9639	6810	-199	-28	296	343.6	384.4	384.4
UDDH2020_16	9646	6795	-207	-28	296	382	383.1	384.4
UDDH2020_16	9646	6795	-207	-28	296	382	383.1	384.4
UDDH2020_17	9664	6776	-119	-15	298	289.3	455.2	572.5
UDDH2020_17	9737	6644	-156	-13	299	523.6	530.9	572.5
UDDH2020_18A	9775	6765	-67	-1	269	40.5	159.4	237.1
UDDH2020_18A	9775	6773	-67	-1	269	87.5	94.6	237.1
UDDH2020_18A	9776	6806	-66	0	269	44.5	73	237.1
UDDH2020_18A	9775	6656	-69	-2	269	204.6	212.3	237.1
UDDH2020_18A	9775	6772	-67	-1	269	87.5	96.9	237.1
UDDH2021_20	10123	6774	7	13	321	348	355	409
UDDH2021_21	10114	6777	-63	6	321	324.3	347.4	402.5
UDDH2021_22	10030	6786	-9	14	311	268.7	285.5	522.1
UDDH2021_22	10022	6795	-13	14	310	257.5	271.1	522.1
UDDH2021_22	10130	6674	31	16	313	416.6	448.1	522.1
UDDH2021_23	10022	6801	-70	4	312	253.9	254.9	263.9
UDDH2021_23	10025	6798	-69	4	312	254.9	263.9	263.9
UDDH2021_24	10035	6789	-130	-8	312	262	297	360.4
UDDH2021_25	9991	6776	61	28	303	282.2	289.2	425.1
UDDH2021_25	9987	6783	57	28	303	271.2	282.4	425.1
UDDH2021_26	9996	6777	-90	2	305	229.7	292.8	429.2
UDDH2021_26	9983	6795	-90	1	304	232.3	245.9	429.2
UDDH2021_27	9895	6760	-86	1	281	198.4	284	290.5
UDDH2021_27	9890	6786	-86	0	280	205.4	225.1	290.5
UDDH2021_28	9874	6747	-248	-29	275	285.9	334.3	365.9
UDDH2021_28	9871	6775	-232	-30	275	269.4	285.9	365.9
UDDH2021_29	9110	6787	-256	-26	278	467.8	501.9	627.5
UDDH2021_29	9115	6756	-270	-24	279	501.9	537.8	627.5
UDDH2021_29	9120	6724	-285	-23	280	547	562.9	627.5
UDDH2021_29	9111	6776	-261	-25	278	485.7	509.3	627.5
UDDH2021_30	9864	6756	-362	-44	273	370.5	392.9	431.9
UDDH2021_30	9863	6767	-350	-45	272	359.3	371.5	431.9
DH001	9385	6761	256	-41	102	27.4	192.3	203.6
DH001	9397	6704	307	-41	102	28.9	36.6	203.6
DH002	9594	6758	270	-45	295	74.7	219	263
DH017	8530	6628	159	-67	276	18.3	61.6	65.5
DH017	8530	6621	142	-67	276	55.8	61.6	65.5
DH025	8878	6672	181	-65	270	65.7	102.4	228.3

Table 14 North Pit Drill Intercepts as at 30th June 2022

Hole ID	X	Y	Z	Dip	Azimuth	depth from	Depth to	Max depth
DH025	8878	6667	170	-65	270	75.6	118	228.3
DH025	8878	6671	178	-65	270	80.2	94.5	228.3
DH026	9229	6737	278	-63	270	14	165.5	181.4
DH026	9229	6733	270	-63	270	91.7	105.5	181.4
DH026	9229	6716	235	-63	270	133.7	140.5	181.4

Table 15 Long Plains Drill Hole Intercepts

Hole ID	x	y	z	dip	azimuth	Depth from	Depth to	Max depth
IMI28	348036.0	5396583.0	280.0	-47.0	259.0	24.4	83.3	166.7
IMI29	348011.0	5396883.0	263.0	-50.0	258.0	111.9	115.2	182.9
IMI29	348011.0	5396883.0	263.0	-50.0	258.0	141.6	151.2	182.9
IMI29	348011.0	5396883.0	263.0	-50.0	258.0	79.4	90.3	182.9
IMI29	348011.0	5396883.0	263.0	-50.0	258.0	16.5	36.3	182.9
IMI30	348311.0	5395383.0	230.0	-45.0	255.0	128.5	157.0	192.0
IMI30	348311.0	5395383.0	230.0	-45.0	255.0	98.4	110.8	192.0
IMI30	348311.0	5395383.0	230.0	-45.0	255.0	58.2	83.1	192.0
IMI35	347976.0	5397188.0	253.0	-85.0	257.0	65.2	79.8	137.8
IMI46	347976.0	5397188.0	253.0	-44.0	257.0	98.5	116.5	233.5
IMI46	347976.0	5397188.0	253.0	-44.0	257.0	30.9	46.4	233.5
LPC06001	347832.3	5396884.2	274.3	10.0	97.4	52.0	52.1	136.0
LPC06001	347832.3	5396884.2	274.3	10.0	97.4	85.7	97.3	136.0
LPC06001	347832.3	5396884.2	274.3	10.0	97.4	115.4	122.0	136.0
LPC06002	347824.7	5396929.2	275.5	7.6	73.1	72.0	72.1	182.5
LPC06002	347824.7	5396929.2	275.5	7.6	73.1	140.0	142.3	182.5
LPC06002	347824.7	5396929.2	275.5	7.6	73.1	151.0	156.0	182.5
LPC06003	347878.8	5396989.0	278.3	5.4	99.5	18.1	31.0	115.5
LPC06003	347878.8	5396989.0	278.3	5.4	99.5	86.0	90.0	115.5
LPC06004	347789.9	5396998.1	274.6	-22.7	74.1	184.0	185.4	222.0
LPC06005	347839.9	5397087.9	262.6	6.8	102.3	29.0	29.0	157.0
LPC06005	347839.9	5397087.9	262.6	6.8	102.3	70.5	71.2	157.0
LPC06006	347800.3	5397139.9	251.4	1.5	96.4	66.2	98.9	232.0
LPC06006	347800.3	5397139.9	251.4	1.5	96.4	121.2	141.9	232.0
LPC06006	347800.3	5397139.9	251.4	1.5	96.4	166.9	169.2	232.0
LPC06007	347794.8	5397184.6	238.6	11.0	94.8	85.0	104.0	226.0
LPC06007	347794.8	5397184.6	238.6	11.0	94.8	117.8	125.3	226.0
LPC06007	347794.8	5397184.6	238.6	11.0	94.8	130.6	146.2	226.0
LPC06008	347937.0	5396682.3	282.4	2.3	90.2	4.1	28.0	56.5
LPC06008	347937.0	5396682.3	282.4	2.3	90.2	43.3	56.5	56.5
LPC06009	347994.8	5396703.8	287.8	-2.6	71.5	35.1	39.0	75.5
LPC06010	347968.4	5396582.5	277.1	6.8	86.4	8.0	48.9	111.0
LPC06010	347968.4	5396582.5	277.1	6.8	86.4	72.0	79.0	111.0
LPC06011	347955.3	5396486.3	269.4	7.2	93.1	12.0	22.4	90.5
LPC06011	347955.3	5396486.3	269.4	7.2	93.1	69.1	73.1	90.5
LPC06012	347996.7	5396384.1	264.2	11.9	91.2	32.0	33.0	35.0
LPC06012	347996.7	5396384.1	264.2	11.9	91.2	9.0	15.1	35.0

Table 15 Long Plains Drill Hole Intercepts

Hole ID	x	y	z	dip	azimuth	Depth from	Depth to	Max depth
LPDD1103	348437.0	5394660.0	259.3	-54.3	89.6	71.0	76.0	293.2
LPDD1103	348437.0	5394660.0	259.3	-54.3	89.6	123.5	137.5	293.2
LPDD1103	348437.0	5394660.0	259.3	-54.3	89.6	184.3	186.0	293.2
LPDD1103	348437.0	5394660.0	259.3	-54.3	89.6	232.0	245.5	293.2
LPDD1204	348295.4	5394950.2	259.4	-59.6	94.1	97.2	143.6	488.3
LPDD1204	348295.4	5394950.2	259.4	-59.6	94.1	175.1	215.0	488.3
LPDD1204	348295.4	5394950.2	259.4	-59.6	94.1	220.2	297.3	488.3
LPDD1204	348295.4	5394950.2	259.4	-59.6	94.1	297.3	352.0	488.3
LPDD1205	348194.8	5395260.0	240.7	-57.4	84.4	24.0	31.2	278.5
LPDD1205	348194.8	5395260.0	240.7	-57.4	84.4	66.6	120.7	278.5
LPDD1205	348194.8	5395260.0	240.7	-57.4	84.4	120.7	145.0	278.5
LPDD1205	348194.8	5395260.0	240.7	-57.4	84.4	166.9	179.6	278.5
LPDD1212	348080.5	5396392.0	267.1	-59.8	268.0	219.9	235.2	301.3
LPDD1212	348080.5	5396392.0	267.1	-59.8	268.0	124.0	132.1	301.3
LPDD1212	348080.5	5396392.0	267.1	-59.8	268.0	145.4	159.1	301.3
LPDD1212	348080.5	5396392.0	267.1	-59.8	268.0	265.3	269.0	301.3
LPDD1212	348080.5	5396392.0	267.1	-59.8	268.0	55.1	61.3	301.3
LPDD1215	348123.4	5396480.0	271.8	-57.0	273.3	204.6	252.2	301.4
LPDD1215	348123.4	5396480.0	271.8	-57.0	273.3	178.1	189.9	301.4
LPDD1218	348088.8	5396580.1	282.3	-60.0	270.0	101.5	232.1	288.1
LPDD1218	348088.8	5396580.1	282.3	-60.0	270.0	74.0	81.2	288.1
LPDD1220	348083.7	5396676.4	275.6	-52.3	259.3	178.8	207.5	236.6
LPDD1220	348083.7	5396676.4	275.6	-52.3	259.3	61.0	165.9	236.6
LPDD1223	347995.5	5396772.0	290.5	-73.5	281.0	142.3	201.2	300.0
LPDD1223	347995.5	5396772.0	290.5	-73.5	281.0	33.1	103.3	300.0
LPDD1228	347988.9	5397078.4	263.7	-60.8	274.5	111.9	156.5	270.2
LPDD1228	347988.9	5397078.4	263.7	-60.8	274.5	79.7	107.0	270.2
LPDD1228	347988.9	5397078.4	263.7	-60.8	274.5	24.5	52.4	270.2
LPDD1229	348007.1	5397181.1	254.7	-60.0	270.0	175.1	183.8	261.8
LPDD1229	348007.1	5397181.1	254.7	-60.0	270.0	74.4	83.9	261.8
LPDD1301	347991.7	5397130.3	262.2	-61.0	270.0	131.0	167.0	201.8
LPDD1301	347991.7	5397130.3	262.2	-61.0	270.0	37.0	48.9	201.8
LPDD1302	347992.2	5397130.3	262.1	-71.0	270.0	192.5	203.7	228.7
LPDD1302	347992.2	5397130.3	262.1	-71.0	270.0	72.0	78.0	228.7
LPDD1306	347795.3	5396931.7	276.3	-47.0	88.6	173.5	243.0	488.2
LPDD1306	347795.3	5396931.7	276.3	-47.0	88.6	278.2	300.0	488.2
LPDD1307	347845.6	5396939.3	283.4	-49.5	94.3	93.0	145.0	260.5
LPDD1307	347845.6	5396939.3	283.4	-49.5	94.3	158.7	174.0	260.5
LPDD1307	347845.6	5396939.3	283.4	-49.5	94.3	203.9	209.3	260.5
LPDD1309	347948.2	5396780.6	290.5	-69.5	92.7	46.3	172.9	284.7
LPDD1309	347948.2	5396780.6	290.5	-69.5	92.7	242.9	257.1	284.7
LPDD1310	348081.8	5396676.7	270.0	-74.1	270.0	154.0	309.8	309.8
LPDD1311	348070.8	5396534.4	281.9	-70.9	261.2	162.6	241.0	271.6
LPDD1311	348070.8	5396534.4	281.9	-70.9	261.2	120.0	129.0	271.6
LPDD1312	348090.0	5396160.0	262.5	-65.0	270.0	101.0	153.6	222.2

Table 15 Long Plains Drill Hole Intercepts

Hole ID	x	y	z	dip	azimuth	Depth from	Depth to	Max depth
LPDD1313	348133.6	5396058.8	258.6	-72.0	279.3	172.0	206.4	298.8
LPDD1313	348133.6	5396058.8	258.6	-72.0	279.3	170.2	172.0	298.8
LPDD1313	348133.6	5396058.8	258.6	-72.0	279.3	128.3	166.5	298.8
LPDD1314	348159.5	5395961.3	251.1	-69.9	259.0	190.0	228.4	283.8
LPDD1314	348159.5	5395961.3	251.1	-69.9	259.0	150.8	183.1	283.8
LPDD1314	348159.5	5395961.3	251.1	-69.9	259.0	78.0	119.1	283.8
LPDD1315	348156.0	5395864.4	246.3	-76.0	270.0	175.3	204.7	312.7
LPDD1315	348156.0	5395864.4	246.3	-76.0	270.0	83.0	137.2	312.7
LPDD1315	348156.0	5395864.4	246.3	-76.0	270.0	5.0	43.0	312.7
LPDD1316	348158.5	5395867.8	246.3	-50.0	209.0	197.6	216.6	303.6
LPDD1316	348158.5	5395867.8	246.3	-50.0	209.0	140.8	171.3	303.6
LPDD1316	348158.5	5395867.8	246.3	-50.0	209.0	8.4	39.1	303.6
LPDD1318	347988.9	5397078.4	263.7	-75.8	274.5	143.7	220.0	245.9
LPDD1318	347988.9	5397078.4	263.7	-75.8	274.5	112.6	121.0	245.9
LPDD1318	347988.9	5397078.4	263.7	-75.8	274.5	34.2	69.1	245.9
LPDDH0707	347942.1	5397183.3	262.0	-55.3	268.4	52.3	89.6	156.2
LPDDH0707	347942.1	5397183.3	262.0	-55.3	268.4	37.0	46.7	156.2
LPDDH0707	347942.1	5397183.3	262.0	-55.3	268.4	5.0	23.9	156.2
LPDDH100	347993.0	5397029.0	260.0	-50.0	255.0	111.0	154.2	181.0
LPDDH100	347993.0	5397029.0	260.0	-50.0	255.0	78.0	105.0	181.0
LPDDH100	347993.0	5397029.0	260.0	-50.0	255.0	32.8	46.7	181.0
LPDDH101	347945.5	5397030.4	274.9	-50.0	255.0	34.9	80.0	95.0
LPDDH101	347945.5	5397030.4	274.9	-50.0	255.0	26.1	28.0	95.0
LPDDH102	347896.2	5397018.7	275.8	-50.0	255.0	0.0	10.0	49.0
LPDDH103	348038.0	5397041.0	249.0	-50.0	255.0	180.6	199.0	199.0
LPDDH103	348038.0	5397041.0	249.0	-50.0	255.0	144.2	175.6	199.0
LPDDH103	348038.0	5397041.0	249.0	-50.0	255.0	81.7	96.5	199.0
LPRC07001	347942.2	5397124.9	267.4	-60.4	270.1	52.0	125.0	160.0
LPRC07001	347942.2	5397124.9	267.4	-60.4	270.1	7.0	36.0	160.0
LPRC07002	347936.1	5397080.0	266.9	-70.8	270.2	54.0	119.0	154.0
LPRC07002	347936.1	5397080.0	266.9	-70.8	270.2	34.0	45.6	154.0
LPRC07003	347891.0	5396985.0	280.0	-68.8	94.9	21.0	120.0	184.0
LPRC07003	347891.0	5396985.0	280.0	-68.8	94.9	123.0	163.0	184.0
LPRC07003	347891.0	5396985.0	280.0	-68.8	94.9	179.5	184.0	184.0
LPRC07004	347895.8	5396985.0	282.1	-56.0	92.3	2.1	41.0	160.0
LPRC07004	347895.8	5396985.0	282.1	-56.0	92.3	54.0	92.0	160.0
LPRC07004	347895.8	5396985.0	282.1	-56.0	92.3	102.0	121.0	160.0
LPRC07005	347908.0	5397133.7	263.9	-60.5	270.0	6.0	70.0	167.0
LPRC07006	347896.8	5397082.1	265.9	-70.4	270.4	23.0	66.0	93.0
LPRC1113	348042.6	5396380.1	271.2	-60.1	269.2	144.0	155.0	220.0
LPRC1113	348042.6	5396380.1	271.2	-60.1	269.2	29.3	33.3	220.0
LPRC1113	348042.6	5396380.1	271.2	-60.1	269.2	79.1	88.4	220.0
LPRC1113	348042.6	5396380.1	271.2	-60.1	269.2	200.0	203.0	220.0
LPRC1114	347973.9	5396383.2	266.9	-58.1	273.8	6.0	17.0	103.0
LPRC1114	347973.9	5396383.2	266.9	-58.1	273.8	45.0	58.0	103.0

Table 15 Long Plains Drill Hole Intercepts

Hole ID	x	y	z	dip	azimuth	Depth from	Depth to	Max depth
LPRC1116	348044.8	5396479.9	281.3	-57.1	269.4	47.0	114.0	200.0
LPRC1116	348044.8	5396479.9	281.3	-57.1	269.4	29.0	42.0	200.0
LPRC1117	347972.8	5396480.0	274.6	-58.7	273.0	3.5	15.0	100.0
LPRC1121	348007.5	5396674.8	290.5	-55.7	266.8	74.0	111.0	196.0
LPRC1121	348007.5	5396674.8	290.5	-55.7	266.8	1.5	49.0	196.0
LPRC1122	347950.0	5396679.9	287.2	-60.3	269.5	0.0	16.0	106.0
LPRC1127	347929.0	5396879.6	292.6	-59.7	276.2	0.0	21.0	100.0
LPRC1127	347929.0	5396879.6	292.6	-59.7	276.2	65.0	73.0	100.0
LPRC1209	348156.7	5396270.1	258.9	-57.3	262.9	127.0	131.0	131.0
LPRC1210	348075.1	5396280.1	262.1	-59.3	271.3	135.0	170.0	200.0
LPRC1210	348075.1	5396280.1	262.1	-59.3	271.3	7.0	22.0	200.0
LPRC1210	348075.1	5396280.1	262.1	-59.3	271.3	42.3	57.5	200.0
LPRC1211	348013.9	5396278.7	258.8	-59.5	277.1	37.0	61.0	88.0
LPRC1224	347996.1	5396774.1	290.5	-58.2	272.1	95.6	141.0	200.0
LPRC1224	347996.1	5396774.1	290.5	-58.2	272.1	24.8	76.0	200.0
LPRC1225	347943.3	5396780.4	290.4	-61.3	276.2	25.4	66.0	100.0
LPRC1308	347949.1	5396780.6	290.6	-48.0	92.0	39.3	61.0	166.0
LPRC1308	347949.1	5396780.6	290.6	-48.0	92.0	127.0	136.0	166.0
LPRC1310	348085.2	5396674.6	275.7	-74.0	270.0	150.8	153.0	153.0
LPRC1317	348091.7	5396161.5	262.5	-65.0	90.0	17.0	28.0	149.0
LPRC1317	348091.7	5396161.5	262.5	-65.0	90.0	51.0	62.0	149.0
MC29	347888.1	5397120.9	263.8	-49.3	258.8	8.0	30.8	348.0
rtae1	347991.0	5397143.0	257.0	-45.0	255.0	90.0	145.0	195.0
rtae1	347991.0	5397143.0	257.0	-45.0	255.0	72.1	73.0	195.0
rtae1	347991.0	5397143.0	257.0	-45.0	255.0	26.0	35.0	195.0

Table 16 - South Deposit Drill Hole Intercepts 31 December 2012

Hole ID	x	y	z	dip	azimuth	Depth from	Depth to	Max depth
IMDD001	4422.5	5477.3	310.1	-50.0	278.9	106.3	176.3	206.3
IMDD002	4436.8	5362.1	290.7	-50.0	283.4	87.5	104.7	175.3
IMDD002	4436.8	5362.1	290.7	-50.0	283.4	104.7	124.6	175.3
IMDD003	4348.1	5334.9	298.1	-50.0	271.6	98.2	142.1	167.2
IMDD004	4342.2	5410.9	307.2	-49.5	274.3	58.7	85.2	123.0
IMDD005	4337.7	5468.9	313.9	-50.0	273.7	130.5	134.5	134.5
IMDD006	4242.2	5387.3	307.9	-50.0	273.4	33.0	40.9	87.0
IMDD007	4504.0	5262.7	285.4	-50.0	94.3	74.2	85.7	151.5
IMDD007	4504.0	5262.7	285.4	-50.0	94.3	85.7	144.3	151.5
IMDD008	4237.0	5252.1	310.5	-50.0	299.9	56.6	95.5	95.5
IMDD009	4490.8	5427.0	307.2	-58.0	282.3	38.0	45.0	117.3
IMDD010	4399.7	5430.0	309.3	-50.0	273.7	38.6	116.9	124.5
IMDD011	4398.0	5321.4	295.6	-61.0	274.3	92.6	106.1	141.7
IMDD011	4398.0	5321.4	295.6	-61.0	274.3	122.0	127.7	141.7
IMDD012	4290.8	5414.7	307.4	-50.2	276.9	40.4	86.1	136.0

Table 16 - South Deposit Drill Hole Intercepts 31 December 2012

Hole ID	x	y	z	dip	azimuth	Depth from	Depth to	Max depth
IMDD013	4553.8	5283.6	258.2	-49.0	93.4	81.8	82.3	136.0
IMDD014	4302.5	5305.0	298.4	-49.0	276.7	70.5	125.4	146.8
IMDD015	4364.3	5302.2	297.5	-56.1	96.3	93.0	158.0	188.1
IMDD016	4257.6	5281.3	304.4	-52.0	94.5	150.1	229.4	239.0
IMDD017	4290.9	5395.6	305.0	-51.5	273.4	13.0	59.5	65.5
IMDD019	4285.2	5514.7	311.2	-55.0	269.5	196.0	253.3	259.0
IMDD019	4285.2	5514.7	311.2	-55.0	269.5	253.3	259.0	259.0
IMDD020	4499.1	5306.9	271.5	-50.5	90.4	4.9	24.9	79.5
IMDD020	4499.1	5306.9	271.5	-50.5	90.4	24.9	61.8	79.5
IMDD021	4295.3	5363.9	301.3	-51.0	265.4	5.7	19.0	264.5
IMDD021	4295.3	5363.9	301.3	-51.0	265.4	154.2	209.7	264.5
IMDD021	4295.3	5363.9	301.3	-51.0	265.4	209.7	222.5	264.5
IMDD021	4295.3	5363.9	301.3	-51.0	265.4	234.0	240.5	264.5
IMDD022	4385.4	5505.7	311.4	-52.0	274.4	180.6	219.6	279.5
IMDD022	4385.4	5505.7	311.4	-52.0	274.4	219.6	223.3	279.5
IMDD023	4394.3	5372.9	303.6	-57.5	278.1	5.5	26.0	234.5
IMDD023	4394.3	5372.9	303.6	-57.5	278.1	154.2	179.2	234.5
IMDD023	4394.3	5372.9	303.6	-57.5	278.1	187.7	199.2	234.5
IMDD024	4203.1	5460.3	313.9	-49.0	274.3	106.1	139.8	149.3
IMDD025	4199.9	5240.6	283.5	-54.0	267.5	45.5	111.0	114.3
IMDD026	4201.5	5306.4	283.6	-48.0	270.6	124.0	147.1	237.1
IMDD026	4201.5	5306.4	283.6	-48.0	270.6	147.1	206.9	237.1
IMDD027	4201.3	5500.1	313.3	-56.7	270.2	143.6	200.8	218.7
IMDD027	4201.3	5500.1	313.3	-56.7	270.2	200.8	205.1	218.7
IMDD029	4131.0	5295.0	301.0	-51.1	268.4	155.2	308.8	345.5
IMDD030	4132.9	5249.6	294.9	-51.5	287.4	90.6	98.0	169.7
IMDD030	4132.9	5249.6	294.9	-51.5	287.4	121.9	129.0	169.7
IMDD030	4132.9	5249.6	294.9	-51.5	287.4	134.5	154.0	169.7
IMDD032	4097.3	5224.9	291.6	-46.0	268.5	84.1	90.2	155.5
IMDD032	4097.3	5224.9	291.6	-46.0	268.5	100.3	105.9	155.5
IMDD033	4095.1	5272.3	294.8	-59.5	89.2	213.9	354.0	390.4
IMDD034	4052.8	5250.5	295.6	-54.7	90.4	245.9	313.1	403.9
IMDD035	4094.1	5266.1	294.6	-51.0	270.0	133.6	151.2	223.2
IMDD035	4094.1	5266.1	294.6	-51.0	270.0	151.2	171.3	223.2
IMDD035	4094.1	5266.1	294.6	-51.0	270.0	188.0	196.0	223.2
IMDD036	4102.7	5325.8	293.6	-60.0	88.1	105.7	267.0	287.0
IMDD038	4055.6	5267.2	295.1	-52.0	270.4	158.5	182.3	244.0
IMDD038	4055.6	5267.2	295.1	-52.0	270.4	182.3	193.0	244.0
IMDD039	4052.6	5220.6	295.7	-51.0	268.4	98.5	104.5	148.8
IMDD039	4052.6	5220.6	295.7	-51.0	268.4	104.5	119.8	148.8
SDDD1201	4181.1	5547.6	291.2	-52.3	279.6	190.2	269.5	312.7
SDDD1202	4054.7	5301.0	287.9	-57.5	83.4	156.7	236.7	267.7
SDDD1203	4129.3	5486.1	292.3	-54.7	277.0	127.0	136.0	136.0

Table 16 - South Deposit Drill Hole Intercepts 31 December 2012

Hole ID	x	y	z	dip	azimuth	Depth from	Depth to	Max depth
SDDD1204	4141.3	5513.1	291.6	-56.2	87.7	168.0	219.2	249.4
SDDD1205	4300.0	5096.9	219.7	-46.2	87.4	209.2	229.9	281.6
SDDD1205	4300.0	5096.9	219.7	-46.2	87.4	229.9	232.4	281.6
SDDD1206	4250.0	5102.0	213.4	-49.4	92.2	159.0	173.8	218.9
SDDD1206	4250.0	5102.0	213.4	-49.4	92.2	173.8	177.4	218.9

Table 17 Centre Pit Combined Drill-hole Intersects as at 31 Dec 2020

Hole ID	x	y	z	dip	azimuth	Depth from	Depth to	Max depth
C88107	6423.00	7651.00	137.00	-90.00	0.00	9.00	18.00	18.00
C88108	6421.00	7631.00	141.00	-90.00	0.00	9.66	18.00	18.00
C88116	6395.00	7674.00	137.00	-90.00	0.00	0.00	18.80	21.00
C88118	6379.00	7439.00	152.00	-90.00	0.00	0.00	2.67	30.00
C88119	6380.00	7410.00	152.00	-90.00	0.00	0.00	6.00	30.00
C88121	6398.00	7319.00	152.00	-90.00	0.00	2.89	3.00	3.00
C88122	6406.00	7344.00	152.00	-90.00	0.00	0.00	30.00	30.00
C88123	6410.00	7365.00	152.00	-90.00	0.00	6.00	30.00	30.00
C88124	6408.00	7394.00	152.00	-90.00	0.00	0.00	12.00	30.00
C88124	6408.00	7394.00	152.00	-90.00	0.00	18.00	30.00	30.00
C88126	6425.00	7418.00	142.00	-90.00	0.00	0.00	8.28	12.00
C88127	6422.00	7444.00	140.00	-90.00	0.00	0.00	18.00	18.00
C88128	6420.00	7471.00	140.00	-90.00	0.00	0.00	9.00	18.00
C88128	6420.00	7471.00	140.00	-90.00	0.00	9.00	18.00	18.00
C88130	6452.00	7443.00	140.00	-90.00	0.00	0.00	3.00	3.00
C88131	6448.00	7413.00	140.00	-90.00	0.00	0.00	18.00	18.00
C88132	6452.00	7393.00	142.00	-90.00	0.00	0.00	18.00	18.00
C88133	6361.00	7585.00	150.00	-90.00	0.00	24.00	30.00	30.00
C88134	6362.00	7565.00	150.00	-90.00	0.00	0.00	30.00	30.00
C88135	6369.00	7536.00	150.00	-90.00	0.00	12.00	21.00	30.00
C88136	6378.00	7526.00	150.00	-90.00	0.00	0.00	30.00	30.00
C88137	6387.00	7519.00	150.00	-90.00	0.00	0.00	30.00	30.00
C88139	6391.00	7538.00	150.00	-90.00	0.00	0.00	33.00	33.00
C88140	6388.00	7563.00	150.00	-90.00	0.00	0.00	21.00	21.00
C88141	6380.00	7587.00	150.00	-90.00	0.00	1.93	33.00	33.00
C88142	6362.00	7605.00	150.00	-90.00	0.00	1.00	21.00	30.00
C88143	6380.00	7502.00	150.00	-90.00	0.00	21.00	39.00	39.00
C88145	6476.00	7639.00	127.00	-90.00	0.00	2.95	21.00	24.00
C88145	6476.00	7639.00	127.00	-10.00	90.00	21.00	24.00	24.00
C88146	6482.00	7529.00	130.00	-6.00	40.00	0.00	12.00	12.00
C88147	6444.00	7389.00	142.00	-90.00	0.00	0.00	6.08	15.00
C88148	6425.00	7391.00	141.00	-90.00	0.00	0.00	21.00	21.00
C88149	6440.00	7364.00	142.00	-90.00	0.00	0.00	17.37	24.00

Table 17 Centre Pit Combined Drill-hole Intersects as at 31 Dec 2020

Hole ID	x	y	z	dip	azimuth	Depth from	Depth to	Max depth
C88150	6437.00	7342.00	143.00	-90.00	0.00	0.00	3.00	3.00
C88151	6435.00	7322.00	145.00	-90.00	0.00	0.00	24.00	24.00
C88152	6414.00	7328.00	144.00	-90.00	0.00	0.00	18.00	18.00
C88153	6418.00	7350.00	144.00	-90.00	0.00	0.00	21.00	21.00
C88154	6422.00	7370.00	144.00	-90.00	0.00	0.00	27.00	27.00
C88155	6432.00	7410.00	144.00	-90.00	0.00	0.00	18.00	18.00
C88156	6376.00	7366.00	155.00	-90.00	0.00	0.00	24.00	24.00
C88157	6375.00	7338.00	155.00	-90.00	0.00	0.00	27.00	27.00
C88158	6362.00	7643.00	153.00	-90.00	0.00	0.00	27.00	27.00
CD101	6524.20	7226.80	331.10	-45.00	267.80	0.00	30.80	182.90
CD101	6524.20	7226.80	331.10	-45.00	267.80	30.80	67.40	182.90
CD101	6524.20	7226.80	331.10	-45.00	267.80	67.40	117.30	182.90
CD101	6524.20	7226.80	331.10	-45.00	267.80	150.10	155.78	182.90
CD102	6514.20	7413.30	270.90	-45.00	268.50	3.70	15.20	167.60
CD102	6514.20	7413.30	270.90	-45.00	268.50	22.60	41.80	167.60
CD102	6514.20	7413.30	270.90	-45.00	268.50	41.80	48.50	167.60
CD102	6514.20	7413.30	270.90	-45.00	268.50	48.50	70.10	167.60
CD102	6514.20	7413.30	270.90	-45.00	268.50	75.30	97.80	167.60
CD102	6514.20	7413.30	270.90	-45.00	268.50	107.00	144.80	167.60
CD103	6488.90	7043.90	345.70	-45.00	269.00	24.70	45.40	174.70
CD103	6488.90	7043.90	345.70	-45.00	269.00	45.40	115.80	174.70
CD103	6488.90	7043.90	345.70	-45.00	269.00	132.60	166.10	174.70
CD104	6552.30	6956.80	342.50	-45.00	275.00	31.10	36.30	347.60
CD104	6552.30	6956.80	342.50	-45.00	275.00	80.80	88.10	347.60
CD104	6552.30	6956.80	342.50	-45.00	275.00	163.70	204.80	347.60
CD104	6552.30	6956.80	342.50	-45.00	275.00	231.00	272.50	347.60
CD104	6552.30	6956.80	342.50	-45.00	275.00	272.50	291.49	347.60
CD104	6552.30	6956.80	342.50	-45.00	275.00	316.10	325.50	347.60
CD105	6560.20	7672.70	212.80	-45.00	268.14	76.80	111.90	204.22
CD105	6560.20	7672.70	212.80	-45.00	268.14	116.40	139.90	204.22
CD105	6560.20	7672.70	212.80	-45.00	268.14	139.90	153.60	204.22
CD105	6560.20	7672.70	212.80	-45.00	268.14	158.80	174.00	204.22
CD105	6560.20	7672.70	212.80	-45.00	268.14	174.00	185.90	204.22
CD105	6560.20	7672.70	212.80	-45.00	268.14	192.00	204.22	204.22
CD106	6440.10	7583.70	217.40	-45.00	91.50	7.90	12.32	158.80
CD106	6440.10	7583.70	217.40	-45.00	91.50	34.10	39.80	158.80
CD106	6440.10	7583.70	217.40	-45.00	91.50	112.50	118.30	158.80
CD106	6440.10	7583.70	217.40	-45.00	91.50	135.00	155.40	158.80
CD108	6600.40	7413.30	266.90	-45.00	270.00	9.80	17.96	285.00
CD108	6600.40	7413.30	266.90	-45.00	270.00	28.30	34.10	285.00
CD108	6600.40	7413.30	266.90	-45.00	270.00	109.40	120.70	285.00




Table 17 Centre Pit Combined Drill-hole Intersects as at 31 Dec 2020

Hole ID	x	y	z	dip	azimuth	Depth from	Depth to	Max depth
CD108	6600.40	7413.30	266.90	-45.00	270.00	135.60	161.80	285.00
CD108	6600.40	7413.30	266.90	-45.00	270.00	161.80	173.40	285.00
CD108	6600.40	7413.30	266.90	-45.00	270.00	173.40	183.50	285.00
CD108	6600.40	7413.30	266.90	-45.00	270.00	183.50	197.20	285.00
CD108	6600.40	7413.30	266.90	-45.00	270.00	200.15	211.50	285.00
CD108	6600.40	7413.30	266.90	-45.00	270.00	222.80	245.70	285.00
CD108	6600.40	7413.30	266.90	-45.00	270.00	245.70	270.10	285.00
CD109	6407.50	6876.30	323.00	-61.00	270.00	0.72	16.09	142.60
CD109	6407.50	6876.30	323.00	-61.00	270.00	46.30	62.20	142.60
CD109	6407.50	6876.30	323.00	-61.00	270.00	66.28	66.95	142.60
CD110	6406.29	6790.64	321.75	-55.00	270.00	0.00	3.62	303.60
CD110	6406.29	6790.64	321.75	-55.00	270.00	46.00	59.27	303.60
CD110	6406.29	6790.64	321.75	-55.00	270.00	59.27	132.30	303.60
CD110	6406.29	6790.64	321.75	-55.00	270.00	152.40	192.90	303.60
CD110	6406.29	6790.64	321.75	-55.00	270.00	199.00	208.80	303.60
CD110	6406.29	6790.64	321.75	-55.00	270.00	221.60	255.70	303.60
CD110	6406.29	6790.64	321.75	-55.00	270.00	271.30	298.70	303.60
CD111	6600.10	7587.10	226.00	-45.00	270.00	1.20	22.90	152.40
CD111	6600.10	7587.10	226.00	-45.00	270.00	103.60	107.90	152.40
CD112	6363.00	6690.40	306.70	-45.00	270.00	12.20	32.90	142.30
CD112	6363.00	6690.40	306.70	-45.00	270.00	52.10	142.30	142.30
CD113	6578.80	7043.90	332.20	-45.00	270.00	66.40	71.60	359.70
CD113	6578.80	7043.90	332.20	-45.00	270.00	180.10	194.50	359.70
CD113	6578.80	7043.90	332.20	-45.00	270.00	194.50	208.20	359.70
CD113	6578.80	7043.90	332.20	-45.00	270.00	252.10	255.70	359.70
CD113	6578.80	7043.90	332.20	-45.00	270.00	255.70	263.30	359.70
CD113	6578.80	7043.90	332.20	-45.00	270.00	300.80	306.30	359.70
CD113	6578.80	7043.90	332.20	-45.00	270.00	309.40	323.40	359.70
CD113	6578.80	7043.90	332.20	-45.00	270.00	327.70	348.10	359.70
CD114	6286.50	6461.80	315.50	-45.00	270.00	47.90	72.41	227.40
CD114	6286.50	6461.80	315.50	-45.00	270.00	72.41	104.90	227.40
CD114	6286.50	6461.80	315.50	-45.00	270.00	139.00	187.37	227.40
CD114	6286.50	6461.80	315.50	-45.00	270.00	199.18	217.89	227.40
CD115	6298.10	6598.00	308.50	-55.00	270.00	48.50	128.60	128.60
CD116	6221.60	6371.20	304.90	-55.00	270.00	29.30	37.20	274.30
CD116	6221.60	6371.20	304.90	-55.00	270.00	37.20	88.10	274.30
CD116	6221.60	6371.20	304.90	-55.00	270.00	100.00	123.10	274.30
CD116	6221.60	6371.20	304.90	-55.00	270.00	196.60	228.90	274.30
CD117	6614.20	7142.70	308.60	-55.00	270.00	125.00	128.90	335.30
CD117	6614.20	7142.70	308.60	-55.00	270.00	152.70	167.90	335.30
CD117	6614.20	7142.70	308.60	-55.00	270.00	264.00	274.30	335.30

Table 17 Centre Pit Combined Drill-hole Intersects as at 31 Dec 2020

Hole ID	x	y	z	dip	azimuth	Depth from	Depth to	Max depth
CD117	6614.20	7142.70	308.60	-55.00	270.00	308.50	317.30	335.30
CD117	6614.20	7142.70	308.60	-55.00	270.00	321.60	335.30	335.30
CD118	6607.10	7227.40	309.80	-45.00	270.00	115.80	151.80	243.80
CD118	6607.10	7227.40	309.80	-45.00	270.00	174.70	198.31	243.80
CD119	6141.40	6186.80	272.80	-55.00	270.00	47.20	51.50	243.80
CD119	6141.40	6186.80	272.80	-55.00	270.00	59.70	63.62	243.80
CD119	6141.40	6186.80	272.80	-55.00	270.00	71.30	88.10	243.80
CD119	6141.40	6186.80	272.80	-55.00	270.00	98.50	118.00	243.80
CD119	6141.40	6186.80	272.80	-55.00	270.00	118.00	133.20	243.80
CD119	6141.40	6186.80	272.80	-55.00	270.00	139.30	189.30	243.80
CD119	6141.40	6186.80	272.80	-55.00	270.00	201.50	206.70	243.80
CD119	6141.40	6186.80	272.80	-55.00	270.00	210.29	238.70	243.80
CD120	6187.40	6746.40	269.00	-45.00	90.00	6.70	15.50	221.10
CD120	6187.40	6746.40	269.00	-45.00	90.00	32.30	37.50	221.10
CD120	6187.40	6746.40	269.00	-45.00	90.00	46.60	47.24	221.10
CD120	6187.40	6746.40	269.00	-45.00	90.00	47.24	49.01	221.10
CD120	6187.40	6746.40	269.00	-45.00	90.00	49.01	58.80	221.10
CD120	6187.40	6746.40	269.00	-45.00	90.00	82.90	93.90	221.10
CD120	6187.40	6746.40	269.00	-45.00	90.00	108.50	144.80	221.10
CD120	6187.40	6746.40	269.00	-45.00	90.00	192.90	212.80	221.10
CD121	6398.40	7326.00	314.00	-55.00	90.00	4.60	18.30	323.40
CD121	6398.40	7326.00	314.00	-55.00	90.00	24.70	34.96	323.40
CD121	6398.40	7326.00	314.00	-55.00	90.00	39.60	101.80	323.40
CD121	6398.40	7326.00	314.00	-55.00	90.00	101.80	134.10	323.40
CD121	6398.40	7326.00	314.00	-55.00	90.00	134.10	167.14	323.40
CD121	6398.40	7326.00	314.00	-55.00	90.00	167.14	175.60	323.40
CD121	6398.40	7326.00	314.00	-55.00	90.00	249.90	269.67	323.40
CD200101	6355.72	7640.28	99.71	-54.30	88.32	0.00	10.30	314.40
CD200101	6355.72	7640.28	99.71	-54.30	88.32	10.30	25.60	314.40
CD200101	6355.72	7640.28	99.71	-54.30	88.32	85.10	93.60	314.40
CD200101	6355.72	7640.28	99.71	-54.30	88.32	105.20	128.91	314.40
CD200101	6355.72	7640.28	99.71	-54.30	88.32	128.91	147.00	314.40
CD200101	6355.72	7640.28	99.71	-54.30	88.32	147.00	155.30	314.40
CD200101	6355.72	7640.28	99.71	-54.30	88.32	155.30	167.70	314.40
CD200101	6355.72	7640.28	99.71	-54.30	88.32	174.73	199.60	314.40
CD200101	6355.72	7640.28	99.71	-54.30	88.32	207.00	237.70	314.40
CD200101	6355.72	7640.28	99.71	-54.30	88.32	278.70	281.10	314.40
CD200101	6355.72	7640.28	99.71	-54.30	88.32	289.90	299.50	314.40
CD200102	6346.03	7689.64	105.08	-49.30	89.96	0.00	16.20	304.50
CD200102	6346.03	7689.64	105.08	-49.30	89.96	64.79	102.50	304.50
CD200102	6346.03	7689.64	105.08	-49.30	89.96	102.50	127.42	304.50

Table 17 Centre Pit Combined Drill-hole Intersects as at 31 Dec 2020

Hole ID	x	y	z	dip	azimuth	Depth from	Depth to	Max depth
CD200102	6346.03	7689.64	105.08	-49.30	89.96	127.42	146.80	304.50
CD200102	6346.03	7689.64	105.08	-49.30	89.96	150.30	167.70	304.50
CD200102	6346.03	7689.64	105.08	-49.30	89.96	167.70	171.40	304.50
CD200102	6346.03	7689.64	105.08	-49.30	89.96	191.50	205.52	304.50
CD200102	6346.03	7689.64	105.08	-49.30	89.96	205.52	226.01	304.50
CD200102	6346.03	7689.64	105.08	-49.30	89.96	231.00	258.00	304.50
CD200102	6346.03	7689.64	105.08	-49.30	89.96	263.20	274.00	304.50
CD200103	6335.99	7739.99	110.07	-50.00	93.22	2.60	19.63	326.80
CD200103	6335.99	7739.99	110.07	-50.00	93.22	70.30	92.60	326.80
CD200103	6335.99	7739.99	110.07	-50.00	93.22	92.60	114.40	326.80
CD200103	6335.99	7739.99	110.07	-50.00	93.22	120.60	139.70	326.80
CD200103	6335.99	7739.99	110.07	-50.00	93.22	146.00	158.50	326.80
CD200103	6335.99	7739.99	110.07	-50.00	93.22	181.00	215.50	326.80
CD200103	6335.99	7739.99	110.07	-50.00	93.22	216.86	217.06	326.80
CD200103	6335.99	7739.99	110.07	-50.00	93.22	223.70	246.40	326.80
CD200103	6335.99	7739.99	110.07	-50.00	93.22	250.40	262.20	326.80
CD200103	6335.99	7739.99	110.07	-50.00	93.22	270.80	317.40	326.80
CD200104	6353.07	7840.12	111.30	-48.73	88.01	47.43	54.60	281.40
CD200104	6353.07	7840.12	111.30	-48.73	88.01	54.60	72.70	281.40
CD200104	6353.07	7840.12	111.30	-48.73	88.01	80.60	110.80	281.40
CD200104	6353.07	7840.12	111.30	-48.73	88.01	132.30	139.08	281.40
CD200104	6353.07	7840.12	111.30	-48.73	88.01	139.08	150.60	281.40
CD200104	6353.07	7840.12	111.30	-48.73	88.01	252.20	255.10	281.40
CD200105	6346.25	7890.37	111.97	-48.34	88.59	0.00	12.40	292.70
CD200105	6346.25	7890.37	111.97	-48.34	88.59	59.30	76.40	292.70
CD200105	6346.25	7890.37	111.97	-48.34	88.59	80.50	82.50	292.70
CD200105	6346.25	7890.37	111.97	-48.34	88.59	87.59	101.60	292.70
CD200105	6346.25	7890.37	111.97	-48.34	88.59	113.20	157.00	292.70
CD200105	6346.25	7890.37	111.97	-48.34	88.59	157.00	166.42	292.70
CD200105	6346.25	7890.37	111.97	-48.34	88.59	166.42	176.00	292.70
CD200105	6346.25	7890.37	111.97	-48.34	88.59	193.63	225.20	292.70
CD200105	6346.25	7890.37	111.97	-48.34	88.59	225.20	240.20	292.70
CD200105	6346.25	7890.37	111.97	-48.34	88.59	242.50	254.10	292.70
CD200105	6346.25	7890.37	111.97	-48.34	88.59	267.90	271.90	292.70
CD200106	6353.97	7815.16	110.51	-48.15	96.00	51.31	52.40	270.10
CD200106	6353.97	7815.16	110.51	-48.15	96.00	53.70	85.18	270.10
CD200106	6353.97	7815.16	110.51	-48.15	96.00	93.40	99.40	270.10
CD200106	6353.97	7815.16	110.51	-48.15	96.00	134.12	136.65	270.10
CD200106	6353.97	7815.16	110.51	-48.15	96.00	187.60	212.30	270.10
CD200106	6353.97	7815.16	110.51	-48.15	96.00	234.10	255.00	270.10
CD200107	6355.62	7940.19	112.19	-47.84	89.15	0.00	3.87	275.70

Table 17 Centre Pit Combined Drill-hole Intersects as at 31 Dec 2020

Hole ID	x	y	z	dip	azimuth	Depth from	Depth to	Max depth
CD200107	6355.62	7940.19	112.19	-47.84	89.15	58.90	61.60	275.70
CD200107	6355.62	7940.19	112.19	-47.84	89.15	116.80	124.90	275.70
CD200107	6355.62	7940.19	112.19	-47.84	89.15	130.20	147.00	275.70
CD200107	6355.62	7940.19	112.19	-47.84	89.15	156.60	179.90	275.70
CD200107	6355.62	7940.19	112.19	-47.84	89.15	179.90	208.60	275.70
CD200107	6355.62	7940.19	112.19	-47.84	89.15	232.69	233.59	275.70
CD200107	6355.62	7940.19	112.19	-47.84	89.15	235.60	245.00	275.70
CD200108	6361.00	7990.00	112.00	-50.00	90.00	0.00	11.96	250.00
CD200108	6361.00	7990.00	112.00	-50.00	90.00	63.27	84.27	250.00
CD200108	6361.00	7990.00	112.00	-50.00	90.00	113.04	123.47	250.00
CD200108	6361.00	7990.00	112.00	-50.00	90.00	147.57	166.51	250.00
CD200108	6361.00	7990.00	112.00	-50.00	90.00	166.51	175.14	250.00
CD200108	6361.00	7990.00	112.00	-50.00	90.00	197.91	198.40	250.00
CD200108	6361.00	7990.00	112.00	-50.00	90.00	198.40	199.14	250.00
CD200108	6361.00	7990.00	112.00	-50.00	90.00	199.96	230.66	250.00
CD200108	6361.00	7990.00	112.00	-50.00	90.00	241.35	244.77	250.00
CD200109	6353.65	7990.07	112.94	-48.15	89.40	2.43	2.45	363.20
CD200109	6353.65	7990.07	112.94	-48.15	89.40	13.00	19.75	363.20
CD200109	6353.65	7990.07	112.94	-48.15	89.40	72.30	93.70	363.20
CD200109	6353.65	7990.07	112.94	-48.15	89.40	120.80	130.30	363.20
CD200109	6353.65	7990.07	112.94	-48.15	89.40	153.50	171.81	363.20
CD200109	6353.65	7990.07	112.94	-48.15	89.40	171.82	179.90	363.20
CD200109	6353.65	7990.07	112.94	-48.15	89.40	202.40	232.60	363.20
CD200109	6353.65	7990.07	112.94	-48.15	89.40	243.30	246.20	363.20
CD200109	6353.65	7990.07	112.94	-48.15	89.40	263.20	290.20	363.20
CD200109	6353.65	7990.07	112.94	-48.15	89.40	305.70	321.10	363.20
CD200109	6353.65	7990.07	112.94	-48.15	89.40	321.10	345.80	363.20
CD200201	5921.36	6000.00	224.24	-45.07	92.44	39.30	50.40	280.20
CD200301	6197.14	6140.11	249.27	-42.00	270.24	60.40	66.60	252.00
CD200301	6197.14	6140.11	249.27	-42.00	270.24	133.30	150.40	252.00
CD200301	6197.14	6140.11	249.27	-42.00	270.24	158.20	161.00	252.00
CD200301	6197.14	6140.11	249.27	-42.00	270.24	162.00	173.20	252.00
CD200301	6197.14	6140.11	249.27	-42.00	270.24	178.70	199.75	252.00
CD200301	6197.14	6140.11	249.27	-42.00	270.24	218.10	243.80	252.00
CD200302	5898.99	6189.62	206.47	-43.65	91.44	112.40	115.50	293.00
CD200302	5898.99	6189.62	206.47	-43.65	91.44	120.72	141.89	293.00
CD200302	5898.99	6189.62	206.47	-43.65	91.44	141.89	142.40	293.00
CD200302	5898.99	6189.62	206.47	-43.65	91.44	142.40	142.60	293.00
CD200302	5898.99	6189.62	206.47	-43.65	91.44	150.70	185.25	293.00
CD200302	5898.99	6189.62	206.47	-43.65	91.44	196.70	202.70	293.00
CD200302	5898.99	6189.62	206.47	-43.65	91.44	202.70	213.20	293.00

Table 17 Centre Pit Combined Drill-hole Intersects as at 31 Dec 2020

Hole ID	x	y	z	dip	azimuth	Depth from	Depth to	Max depth
CD200302	5898.99	6189.62	206.47	-43.65	91.44	231.70	247.70	293.00
CD200302	5898.99	6189.62	206.47	-43.65	91.44	247.70	259.60	293.00
CD200302	5898.99	6189.62	206.47	-43.65	91.44	277.10	280.90	293.00
CD200303	5899.32	6235.08	201.27	-44.00	90.00	120.40	139.90	297.40
CD200303	5899.32	6235.08	201.27	-44.00	90.00	156.81	165.00	297.40
CD200303	5899.32	6235.08	201.27	-44.00	90.00	191.40	202.70	297.40
CD200303	5899.32	6235.08	201.27	-44.00	90.00	202.70	214.20	297.40
CD200303	5899.32	6235.08	201.27	-44.00	90.00	221.50	250.10	297.40
CD200303	5899.32	6235.08	201.27	-44.00	90.00	250.10	266.80	297.40
CD200303	5899.32	6235.08	201.27	-44.00	90.00	284.90	290.90	297.40
CD200304	6015.90	6274.01	158.08	-55.36	91.42	1.17	16.50	190.00
CD200304	6015.90	6274.01	158.08	-55.36	91.42	32.27	32.50	190.00
CD200304	6015.90	6274.01	158.08	-55.36	91.42	42.26	45.70	190.00
CD200304	6015.90	6274.01	158.08	-55.36	91.42	76.75	88.74	190.00
CD200304	6015.90	6274.01	158.08	-55.36	91.42	88.74	94.22	190.00
CD200304	6015.90	6274.01	158.08	-55.36	91.42	108.40	131.30	190.00
CD200304	6015.90	6274.01	158.08	-55.36	91.42	131.30	144.40	190.00
CD200304	6015.90	6274.01	158.08	-55.36	91.42	144.40	158.20	190.00
CD200304	6015.90	6274.01	158.08	-55.36	91.42	172.70	182.77	190.00
CD200305	6029.61	6322.97	156.73	-50.12	89.17	2.25	3.30	196.10
CD200305	6029.61	6322.97	156.73	-50.12	89.17	56.40	72.90	196.10
CD200305	6029.61	6322.97	156.73	-50.12	89.17	80.80	102.80	196.10
CD200305	6029.61	6322.97	156.73	-50.12	89.17	107.61	143.80	196.10
CD200305	6029.61	6322.97	156.73	-50.12	89.17	149.90	164.60	196.10
CD200305	6029.61	6322.97	156.73	-50.12	89.17	172.00	177.50	196.10
CD200306	6048.33	6371.62	156.72	-51.00	90.00	15.40	23.30	199.70
CD200306	6048.33	6371.62	156.72	-51.00	90.00	51.03	74.20	199.70
CD200306	6048.33	6371.62	156.72	-51.00	90.00	104.00	112.50	199.70
CD200306	6048.33	6371.62	156.72	-51.00	90.00	120.32	140.40	199.70
CD200306	6048.33	6371.62	156.72	-51.00	90.00	153.90	164.70	199.70
CD200306	6048.33	6371.62	156.72	-51.00	90.00	167.30	174.80	199.70
CD200306	6048.33	6371.62	156.72	-51.00	90.00	181.50	191.70	199.70
CD200307	6006.70	6419.85	180.62	-51.00	90.00	140.00	160.50	280.00
CD200307	6006.70	6419.85	180.62	-51.00	90.00	190.84	202.21	280.00
CD200307	6006.70	6419.85	180.62	-51.00	90.00	222.18	260.34	280.00
CD200308	6012.16	6461.93	177.28	-52.68	92.46	155.90	166.30	286.90
CD200308	6012.16	6461.93	177.28	-52.68	92.46	174.50	199.70	286.90
CD200308	6012.16	6461.93	177.28	-52.68	92.46	214.50	219.00	286.90
CD200308	6012.16	6461.93	177.28	-52.68	92.46	219.00	234.60	286.90
CD200308	6012.16	6461.93	177.28	-52.68	92.46	234.60	246.30	286.90
CD200308	6012.16	6461.93	177.28	-52.68	92.46	259.40	275.40	286.90

Table 17 Centre Pit Combined Drill-hole Intersects as at 31 Dec 2020

Hole ID	x	y	z	dip	azimuth	Depth from	Depth to	Max depth
CD200309	6096.77	6090.80	237.71	-38.67	269.25	55.80	57.01	202.10
CD200309	6096.77	6090.80	237.71	-38.67	269.25	67.50	72.40	202.10
CD200309	6096.77	6090.80	237.71	-38.67	269.25	128.60	133.70	202.10
CD200309	6096.77	6090.80	237.71	-38.67	269.25	181.00	195.80	202.10
CD200310	6312.77	6321.35	265.01	-45.00	270.00	56.87	75.40	91.00
CD200310	6312.77	6321.35	265.01	-45.00	270.00	89.13	91.00	91.00
CD200401	6131.02	6641.27	155.52	-50.50	90.00	59.80	61.90	216.00
CD200401	6131.02	6641.27	155.52	-50.50	90.00	95.80	100.30	216.00
CD200401	6131.02	6641.27	155.52	-50.50	90.00	100.30	120.00	216.00
CD200401	6131.02	6641.27	155.52	-50.50	90.00	122.40	152.50	216.00
CD200401	6131.02	6641.27	155.52	-50.50	90.00	168.70	177.70	216.00
CD200402	6078.88	6553.31	165.83	-50.00	90.00	96.00	102.70	280.50
CD200402	6078.88	6553.31	165.83	-50.00	90.00	116.60	136.70	280.50
CD200402	6078.88	6553.31	165.83	-50.00	90.00	141.70	166.50	280.50
CD200402	6078.88	6553.31	165.83	-50.00	90.00	166.50	186.80	280.50
CD200402	6078.88	6553.31	165.83	-50.00	90.00	212.20	220.10	280.50
CD200403	6156.56	6705.33	149.06	-50.00	102.00	53.53	64.59	249.90
CD200403	6156.56	6705.33	149.06	-50.00	102.00	89.40	118.80	249.90
CD200403	6156.56	6705.33	149.06	-50.00	102.00	118.80	120.80	249.90
CD200403	6156.56	6705.33	149.06	-50.00	102.00	157.20	178.50	249.90
CD200403	6156.56	6705.33	149.06	-50.00	102.00	210.50	218.20	249.90
CD200403	6156.56	6705.33	149.06	-50.00	102.00	235.70	239.70	249.90
CD201	6407.20	6876.30	322.90	-55.00	270.00	0.44	13.13	46.90
CD201	6407.20	6876.30	322.90	-55.00	270.00	30.20	46.90	46.90
CD202	6319.40	6868.10	299.90	-55.00	270.00	0.00	20.86	47.20
CD202	6319.40	6868.10	299.90	-55.00	270.00	32.60	47.20	47.20
CD203	6255.70	6868.10	287.10	-55.00	90.00	1.38	39.19	61.00
CD203	6255.70	6868.10	287.10	-55.00	90.00	39.19	57.35	61.00
CD20303	6425.00	7674.00	137.00	-90.00	0.00	14.79	17.50	21.00
CD20303	6425.00	7674.00	137.00	-90.00	0.00	20.79	21.00	21.00
CD204	6255.10	6868.10	287.10	-55.00	270.00	13.40	63.40	63.40
CD205	6394.40	6952.50	321.70	-45.00	90.00	17.99	31.40	48.20
CD205	6394.40	6952.50	321.70	-45.00	90.00	31.40	42.10	48.20
CD206	6363.90	6952.50	309.60	-45.00	90.00	0.00	7.11	57.30
CD206	6363.90	6952.50	309.60	-45.00	90.00	19.25	37.80	57.30
CD206	6363.90	6952.50	309.60	-45.00	90.00	52.10	52.80	57.30
CD206	6363.90	6952.50	309.60	-45.00	90.00	52.80	53.57	57.30
CD206	6363.90	6952.50	309.60	-45.00	90.00	53.57	57.30	57.30
CD207	6340.00	6954.00	301.10	-45.00	90.00	0.00	15.82	59.40
CD207	6340.00	6954.00	301.10	-45.00	90.00	20.04	39.79	59.40
CD207	6340.00	6954.00	301.10	-45.00	90.00	44.10	56.15	59.40

Table 17 Centre Pit Combined Drill-hole Intersects as at 31 Dec 2020

Hole ID	x	y	z	dip	azimuth	Depth from	Depth to	Max depth
CD208	6544.10	7043.90	343.30	-45.00	270.00	16.20	19.50	85.60
CD209	6438.90	7045.10	336.00	-45.00	270.00	0.00	39.60	45.70
CD209	6438.90	7045.10	336.00	-45.00	270.00	44.20	45.70	45.70
CD210	6400.50	7044.20	329.80	-45.00	270.00	0.00	11.90	47.50
CD210	6400.50	7044.20	329.80	-45.00	270.00	29.30	39.00	47.50
CD211	6496.20	7134.80	346.20	-45.00	270.00	0.61	11.60	57.90
CD211	6496.20	7134.80	346.20	-45.00	270.00	16.20	21.60	57.90
CD211	6496.20	7134.80	346.20	-45.00	270.00	34.40	48.50	57.90
CD212	6456.60	7135.40	336.20	-45.00	270.00	0.00	33.80	33.80
CD213	6434.90	7135.30	330.90	-45.00	270.00	0.00	20.22	46.90
CD213	6434.90	7135.30	330.90	-45.00	270.00	20.22	36.90	46.90
CD213	6434.90	7135.30	330.90	-45.00	270.00	36.90	46.90	46.90
CD215	6324.00	6788.00	301.30	-45.00	90.00	39.30	46.00	46.00
CD216	6489.50	7618.80	240.50	-60.00	270.00	12.80	25.00	76.20
CD216	6489.50	7618.80	240.50	-60.00	270.00	25.00	67.40	76.20
CD217	6294.70	6787.30	296.80	-45.00	90.00	39.30	51.50	52.10
CD218	6266.40	6787.90	288.80	-45.00	90.00	14.30	20.40	60.40
CD218	6266.40	6787.90	288.80	-45.00	90.00	32.60	60.40	60.40
CD219	6452.00	7323.00	323.60	-45.00	270.00	10.10	41.10	64.90
CD219	6452.00	7323.00	323.60	-45.00	270.00	49.40	57.00	64.90
CD219	6452.00	7323.00	323.60	-45.00	270.00	59.70	64.90	64.90
CD220	6232.60	6786.10	281.20	-45.00	90.00	31.70	39.90	51.80
CD220	6232.60	6786.10	281.20	-45.00	90.00	43.60	51.80	51.80
CD221	6496.00	7321.00	318.60	-45.00	270.00	19.20	50.90	62.50
CD221	6496.00	7321.00	318.60	-45.00	270.00	58.80	62.50	62.50
CD222	6181.00	6789.00	264.20	-45.00	90.00	17.10	28.00	54.90
CD222	6181.00	6789.00	264.20	-45.00	90.00	51.32	54.90	54.90
CD223	6552.00	7228.60	324.90	-45.00	270.00	1.80	42.70	42.70
CD224	6472.00	7227.00	336.40	-45.00	270.00	1.15	12.50	57.60
CD224	6472.00	7227.00	336.40	-45.00	270.00	23.80	55.50	57.60
CD226	6415.70	7410.00	305.50	-55.00	270.00	13.70	33.50	82.30
CD226	6415.70	7410.00	305.50	-55.00	270.00	45.70	59.10	82.30
CD227	6279.50	6690.00	287.50	-55.00	270.00	0.00	25.30	106.70
CD227	6279.50	6690.00	287.50	-55.00	270.00	25.30	49.92	106.70
CD227	6279.50	6690.00	287.50	-55.00	270.00	55.84	106.70	106.70
CD228	6448.30	7419.00	311.20	-55.00	270.00	0.00	10.10	70.10
CD228	6448.30	7419.00	311.20	-55.00	270.00	18.60	38.10	70.10
CD228	6448.30	7419.00	311.20	-55.00	270.00	43.30	62.80	70.10
CD229	6444.40	7272.50	329.80	-45.00	270.00	0.00	36.92	97.50
CD229	6444.40	7272.50	329.80	-45.00	270.00	37.40	42.37	97.50
CD229	6444.40	7272.50	329.80	-45.00	270.00	53.90	61.00	97.50

Table 17 Centre Pit Combined Drill-hole Intersects as at 31 Dec 2020

Hole ID	x	y	z	dip	azimuth	Depth from	Depth to	Max depth
CD229	6444.40	7272.50	329.80	-45.00	270.00	79.50	91.38	97.50
CD229	6444.40	7272.50	329.80	-45.00	270.00	97.48	97.50	97.50
CD230	6435.20	7226.80	331.90	-45.00	270.00	49.70	54.60	82.90
CD231	6504.70	7273.10	324.90	-45.00	270.00	16.80	34.70	92.70
CD231	6504.70	7273.10	324.90	-45.00	270.00	34.70	72.46	92.70
CD231	6504.70	7273.10	324.90	-45.00	270.00	72.46	87.50	92.70
CD232	6241.40	6605.30	291.90	-55.00	270.00	0.00	6.43	70.40
CD233	6537.00	7272.80	316.90	-45.00	270.00	23.80	80.20	80.20
CD234	6432.50	7364.00	315.30	-45.00	270.00	4.00	29.30	61.90
CD234	6432.50	7364.00	315.30	-45.00	270.00	32.60	44.20	61.90
CD234	6432.50	7364.00	315.30	-45.00	270.00	59.40	61.90	61.90
CD235	6285.60	6915.60	287.00	-45.00	90.00	0.00	15.10	91.70
CD235	6285.60	6915.60	287.00	-45.00	90.00	17.31	33.70	91.70
CD235	6285.60	6915.60	287.00	-45.00	90.00	45.26	77.89	91.70
CD235	6285.60	6915.60	287.00	-45.00	90.00	77.89	78.00	91.70
CD235	6285.60	6915.60	287.00	-45.00	90.00	78.00	89.60	91.70
CD236	6358.10	6830.30	303.00	-45.00	90.00	0.00	13.40	91.60
CD236	6358.10	6830.30	303.00	-45.00	90.00	39.00	51.20	91.60
CD237	6479.70	7089.00	342.90	-45.00	90.00	10.10	26.20	91.40
CD237	6479.70	7089.00	342.90	-45.00	90.00	36.43	36.94	91.40
CD237	6479.70	7089.00	342.90	-45.00	90.00	57.60	71.30	91.40
CD238	6348.10	6915.60	309.80	-45.00	90.00	0.00	4.45	99.40
CD238	6348.10	6915.60	309.80	-45.00	90.00	7.18	51.24	99.40
CD238	6348.10	6915.60	309.80	-45.00	90.00	62.59	64.99	99.40
CD238	6348.10	6915.60	309.80	-45.00	90.00	74.71	86.40	99.40
CD239	6281.30	6553.50	310.19	-55.00	270.00	17.40	39.30	79.25
CD239	6281.30	6553.50	310.19	-55.00	270.00	65.83	79.25	79.25
CD240	6192.30	6544.97	277.03	-55.00	270.00	16.90	59.70	59.70
CD241	6296.00	6640.00	296.80	-45.00	90.00	11.60	22.85	56.10
CD241	6296.00	6640.00	296.80	-45.00	90.00	39.60	44.87	56.10
CD242	6178.30	6420.60	290.60	-45.00	90.00	0.00	1.20	91.40
CD242	6178.30	6420.60	290.60	-45.00	90.00	29.60	40.77	91.40
CD242	6178.30	6420.60	290.60	-45.00	90.00	40.90	71.90	91.40
CD243	6242.30	6553.20	298.40	-55.00	270.00	0.00	15.20	103.60
CD243	6242.30	6553.20	298.40	-55.00	270.00	36.66	94.20	103.60
CD244	6203.00	6509.00	281.50	-45.00	90.00	0.00	4.09	82.60
CD244	6203.00	6509.00	281.50	-45.00	90.00	10.70	18.93	82.60
CD245	6419.70	7090.00	327.80	-45.00	90.00	3.05	14.90	91.70
CD245	6419.70	7090.00	327.80	-45.00	90.00	14.90	27.40	91.70
CD245	6419.70	7090.00	327.80	-45.00	90.00	42.70	70.70	91.70
CD246	6495.30	7354.50	301.40	-45.00	270.00	2.28	15.20	91.70

Table 17 Centre Pit Combined Drill-hole Intersects as at 31 Dec 2020

Hole ID	x	y	z	dip	azimuth	Depth from	Depth to	Max depth
CD246	6495.30	7354.50	301.40	-45.00	270.00	15.20	49.40	91.70
CD246	6495.30	7354.50	301.40	-45.00	270.00	53.90	76.20	91.70
CD246	6495.30	7354.50	301.40	-45.00	270.00	76.20	91.70	91.70
CD247	6497.10	7357.00	301.20	-55.00	90.00	0.00	22.90	91.40
CD247	6497.10	7357.00	301.20	-55.00	90.00	37.80	50.90	91.40
CD247	6497.10	7357.00	301.20	-55.00	90.00	58.80	86.30	91.40
CD247	6497.10	7357.00	301.20	-55.00	90.00	86.52	86.70	91.40
CD248	6379.80	7001.00	320.30	-45.00	90.00	0.00	10.70	91.40
CD248	6379.80	7001.00	320.30	-45.00	90.00	21.30	34.40	91.40
CD248	6379.80	7001.00	320.30	-45.00	90.00	46.60	55.20	91.40
CD248	6379.80	7001.00	320.30	-45.00	90.00	55.20	91.40	91.40
CD249	6315.50	7002.00	290.30	-45.00	90.00	0.00	12.20	91.40
CD249	6315.50	7002.00	290.30	-45.00	90.00	12.20	24.40	91.40
CD249	6315.50	7002.00	290.30	-45.00	90.00	24.40	57.90	91.40
CD249	6315.50	7002.00	290.30	-45.00	90.00	63.40	71.60	91.40
CD249	6315.50	7002.00	290.30	-45.00	90.00	76.80	82.90	91.40
CD250	6354.80	7090.00	311.10	-45.00	90.00	23.32	60.00	80.50
CD250	6354.80	7090.00	311.10	-45.00	90.00	67.40	74.40	80.50
CD251	6299.00	7090.90	296.10	-45.00	90.00	7.30	54.30	91.40
CD252	6452.30	7184.10	336.60	-45.00	270.00	29.60	63.40	97.50
CD254	6552.00	7180.00	328.80	-43.00	270.00	6.40	46.60	79.20
CD254	6552.00	7180.00	328.80	-43.00	270.00	46.60	62.80	79.20
CD302	6006.10	6324.30	231.60	-45.00	90.00	9.80	22.10	243.80
CD302	6006.10	6324.30	231.60	-45.00	90.00	35.10	44.20	243.80
CD302	6006.10	6324.30	231.60	-45.00	90.00	49.20	54.90	243.80
CD302	6006.10	6324.30	231.60	-45.00	90.00	62.30	81.70	243.80
CD302	6006.10	6324.30	231.60	-45.00	90.00	104.50	112.90	243.80
CD302	6006.10	6324.30	231.60	-45.00	90.00	124.80	136.60	243.80
CD302	6006.10	6324.30	231.60	-45.00	90.00	136.60	146.40	243.80
CD302	6006.10	6324.30	231.60	-45.00	90.00	155.00	169.60	243.80
CD302	6006.10	6324.30	231.60	-45.00	90.00	183.50	188.60	243.80
CD302	6006.10	6324.30	231.60	-45.00	90.00	199.30	208.50	243.80
CD302	6006.10	6324.30	231.60	-45.00	90.00	222.50	226.90	243.80
CD303	6113.00	6416.00	269.60	-45.00	90.00	30.60	46.00	201.20
CD303	6113.00	6416.00	269.60	-45.00	90.00	92.00	99.50	201.20
CD303	6113.00	6416.00	269.60	-45.00	90.00	99.50	105.25	201.20
CD303	6113.00	6416.00	269.60	-45.00	90.00	105.25	130.90	201.20
CD303	6113.00	6416.00	269.60	-45.00	90.00	145.10	154.20	201.20
CD305	6128.00	6599.00	247.80	-47.00	90.00	8.20	41.50	204.20
CD305	6128.00	6599.00	247.80	-47.00	90.00	85.80	91.10	204.20
CD305	6128.00	6599.00	247.80	-47.00	90.00	97.50	125.30	204.20

Table 17 Centre Pit Combined Drill-hole Intersects as at 31 Dec 2020

Hole ID	x	y	z	dip	azimuth	Depth from	Depth to	Max depth
CD305	6128.00	6599.00	247.80	-47.00	90.00	145.50	148.00	204.20
CD305	6128.00	6599.00	247.80	-47.00	90.00	148.00	172.70	204.20
CD305	6128.00	6599.00	247.80	-47.00	90.00	172.70	201.90	204.20
CD305	6128.00	6599.00	247.80	-47.00	90.00	234.24	238.29	204.20
CD307	6136.80	6681.80	238.10	-45.00	90.00	11.30	22.10	243.80
CD307	6136.80	6681.80	238.10	-45.00	90.00	33.50	61.70	243.80
CD307	6136.80	6681.80	238.10	-45.00	90.00	80.90	96.50	243.80
CD307	6136.80	6681.80	238.10	-45.00	90.00	106.40	134.00	243.80
CD307	6136.80	6681.80	238.10	-45.00	90.00	137.00	145.70	243.80
CD307	6136.80	6681.80	238.10	-45.00	90.00	145.70	163.05	243.80
CD307	6136.80	6681.80	238.10	-45.00	90.00	163.05	173.40	243.80
CD307	6136.80	6681.80	238.10	-45.00	90.00	214.60	234.20	243.80
CD308	6220.00	6830.00	274.70	-48.00	90.00	13.09	15.83	286.82
CD308	6220.00	6830.00	274.70	-48.00	90.00	25.30	47.50	286.82
CD308	6220.00	6830.00	274.70	-48.00	90.00	47.50	78.00	286.82
CD308	6220.00	6830.00	274.70	-48.00	90.00	84.90	111.60	286.82
CD308	6220.00	6830.00	274.70	-48.00	90.00	113.06	123.30	286.82
CD308	6220.00	6830.00	274.70	-48.00	90.00	162.50	195.20	286.82
CD308	6220.00	6830.00	274.70	-48.00	90.00	206.60	222.20	286.82
CD308	6220.00	6830.00	274.70	-48.00	90.00	250.10	254.70	286.82
CD309	6224.00	6900.00	273.30	-45.00	90.00	6.10	37.80	240.20
CD309	6224.00	6900.00	273.30	-45.00	90.00	44.20	81.07	240.20
CD309	6224.00	6900.00	273.30	-45.00	90.00	83.91	87.78	240.20
CD309	6224.00	6900.00	273.30	-45.00	90.00	92.20	122.70	240.20
CD309	6224.00	6900.00	273.30	-45.00	90.00	171.75	174.07	240.20
CD309	6224.00	6900.00	273.30	-45.00	90.00	174.35	191.29	240.20
CD309	6224.00	6900.00	273.30	-45.00	90.00	203.56	208.66	240.20
CD309	6224.00	6900.00	273.30	-45.00	90.00	212.90	240.20	240.20
CD401	6526.00	7002.00	301.30	-60.00	90.00	6.82	7.33	119.35
CD401	6526.00	7002.00	301.30	-60.00	90.00	106.20	119.35	119.35
CD403	6438.00	6990.00	265.00	-45.00	90.00	0.00	12.95	171.67
CD403	6438.00	6990.00	265.00	-45.00	90.00	83.05	88.40	171.67
CD403	6438.00	6990.00	265.00	-45.00	90.00	109.54	118.02	171.67
CD405	6302.00	7318.00	241.00	-55.00	90.00	110.80	125.50	179.95
CD405	6302.00	7318.00	241.00	-55.00	90.00	153.69	172.06	179.95
CD405	6302.00	7318.00	241.00	-55.00	90.00	172.23	179.95	179.95
CD406	6268.00	6811.00	228.60	-45.00	270.00	5.80	52.61	100.78
CD406	6268.00	6811.00	228.60	-45.00	270.00	54.62	77.00	100.78
CD407	6457.00	7182.00	221.00	-60.00	90.00	11.70	66.57	168.45
CD409	6482.00	7631.00	202.00	-50.00	270.00	0.00	5.45	152.91
CD409	6482.00	7631.00	202.00	-50.00	270.00	5.45	61.30	152.91

Table 17 Centre Pit Combined Drill-hole Intersects as at 31 Dec 2020

Hole ID	x	y	z	dip	azimuth	Depth from	Depth to	Max depth
CD409	6482.00	7631.00	202.00	-50.00	270.00	92.93	98.22	152.91
CD410	6485.00	7440.00	206.00	-60.00	90.00	7.50	10.28	163.08
CD410	6485.00	7440.00	206.00	-60.00	90.00	10.28	22.00	163.08
CD410	6485.00	7440.00	206.00	-60.00	90.00	39.52	47.10	163.08
CD410	6485.00	7440.00	206.00	-60.00	90.00	66.80	78.40	163.08
CD411	6297.00	6690.00	231.00	-60.00	90.00	0.00	9.03	149.96
CD411	6297.00	6690.00	231.00	-60.00	90.00	9.68	25.50	149.96
CD411	6297.00	6690.00	231.00	-60.00	90.00	40.70	49.50	149.96
CD411	6297.00	6690.00	231.00	-60.00	90.00	123.50	135.40	149.96
CD412	6253.00	6416.00	267.00	-50.00	90.00	45.90	49.70	115.70
CD412	6253.00	6416.00	267.00	-50.00	90.00	94.80	100.18	115.70
CD413	6135.00	6788.00	233.00	-55.00	90.00	141.26	151.94	169.86
CD414	6539.00	7172.50	272.70	-60.00	90.00	10.75	20.20	128.03
CD414	6539.00	7172.50	272.70	-60.00	90.00	27.28	61.47	128.03
CD501	6134.50	6461.40	239.20	-50.00	270.00	0.00	34.80	115.50
CD502	6040.60	6186.90	238.60	-55.00	270.00	20.37	43.60	140.00
CD502	6040.60	6186.90	238.60	-55.00	270.00	43.71	52.10	140.00
CD502	6040.60	6186.90	238.60	-55.00	270.00	60.90	90.40	140.00
CD504	6487.00	7416.20	194.30	-45.00	270.00	0.00	4.00	134.00
CD504	6487.00	7416.20	194.30	-45.00	270.00	6.50	23.40	134.00
CD504	6487.00	7416.20	194.30	-45.00	270.00	23.40	57.01	134.00
CD504	6487.00	7416.20	194.30	-45.00	270.00	68.18	86.50	134.00
CD504	6487.00	7416.20	194.30	-45.00	270.00	103.30	107.00	134.00
CD506	6014.10	6186.80	238.10	-50.00	90.00	0.00	23.50	136.40
CD506	6014.10	6186.80	238.10	-50.00	90.00	27.60	33.45	136.40
CD506	6014.10	6186.80	238.10	-50.00	90.00	41.42	61.50	136.40
CD506	6014.10	6186.80	238.10	-50.00	90.00	68.00	87.90	136.40
CD506	6014.10	6186.80	238.10	-50.00	90.00	94.30	97.65	136.40
CD506	6014.10	6186.80	238.10	-50.00	90.00	97.65	109.80	136.40
CD506	6014.10	6186.80	238.10	-50.00	90.00	114.15	125.30	136.40
CD507	6446.20	7675.10	178.80	-45.00	90.00	0.00	3.10	101.60
CD507	6446.20	7675.10	178.80	-45.00	90.00	3.10	16.80	101.60
CD507	6446.20	7675.10	178.80	-45.00	90.00	16.80	91.90	101.60
CD508	6453.30	7497.90	184.50	-50.00	90.00	16.90	52.00	116.10
CD508	6453.30	7497.90	184.50	-50.00	90.00	52.00	65.00	116.10
CD508	6453.30	7497.90	184.50	-50.00	90.00	65.00	65.21	116.10
CD508	6453.30	7497.90	184.50	-50.00	90.00	65.21	73.80	116.10
CD508	6453.30	7497.90	184.50	-50.00	90.00	74.24	81.20	116.10
CD508	6453.30	7497.90	184.50	-50.00	90.00	81.20	106.20	116.10
CD509	6200.00	6502.90	223.30	-55.00	90.00	0.00	12.28	29.00
CD509	6200.00	6502.90	223.30	-55.00	90.00	13.14	19.30	29.00

Table 17 Centre Pit Combined Drill-hole Intersects as at 31 Dec 2020

Hole ID	x	y	z	dip	azimuth	Depth from	Depth to	Max depth
CD510	6435.70	7227.50	199.10	-50.00	270.00	0.00	16.30	81.90
CD510	6435.70	7227.50	199.10	-50.00	270.00	25.84	30.01	81.90
CD511	6321.70	6954.00	204.50	-60.00	270.00	3.00	24.90	66.70
CD512	6438.50	7225.50	198.30	-45.00	90.00	0.00	5.50	143.00
CD512	6438.50	7225.50	198.30	-45.00	90.00	5.50	13.80	143.00
CD512	6438.50	7225.50	198.30	-45.00	90.00	16.80	51.62	143.00
CD512	6438.50	7225.50	198.30	-45.00	90.00	82.80	92.80	143.00
CD513	6233.30	6690.50	209.70	-50.00	270.00	0.00	28.21	80.50
CD513	6233.30	6690.50	209.70	-50.00	270.00	39.45	53.50	80.50
CD514	6344.50	7000.00	203.70	-45.00	90.00	0.00	7.90	146.00
CD514	6344.50	7000.00	203.70	-45.00	90.00	15.00	41.00	146.00
CD514	6344.50	7000.00	203.70	-45.00	90.00	45.86	50.53	146.00
CD514	6344.50	7000.00	203.70	-45.00	90.00	54.10	82.00	146.00
CD514	6344.50	7000.00	203.70	-45.00	90.00	103.60	112.90	146.00
CD514	6344.50	7000.00	203.70	-45.00	90.00	122.30	135.66	146.00
CD515	6078.40	6277.70	238.90	-55.00	270.00	17.04	67.03	104.30
CD515	6078.40	6277.70	238.90	-55.00	270.00	88.10	96.41	104.30
CD516	6119.40	6415.40	240.40	-60.00	90.00	10.70	16.70	151.20
CD516	6119.40	6415.40	240.40	-60.00	90.00	56.50	75.20	151.20
CD516	6119.40	6415.40	240.40	-60.00	90.00	86.90	100.70	151.20
CD516	6119.40	6415.40	240.40	-60.00	90.00	116.60	140.60	151.20
CD517	5898.00	6000.00	222.50	-40.00	90.00	63.60	72.20	152.40
CD517	5898.00	6000.00	222.50	-40.00	90.00	81.76	85.40	152.40
CD520	5968.00	6096.20	213.23	-40.00	90.00	21.90	38.10	158.30
CD520	5968.00	6096.20	213.23	-40.00	90.00	48.80	54.94	158.30
CD520	5968.00	6096.20	213.23	-40.00	90.00	84.45	103.51	158.30
CD520	5968.00	6096.20	213.23	-40.00	90.00	116.20	134.30	158.30
CD601	6222.00	6645.00	209.00	-45.00	90.00	3.50	29.20	117.10
CD601	6222.00	6645.00	209.00	-45.00	90.00	49.80	83.31	117.10
CD601	6222.00	6645.00	209.00	-45.00	90.00	83.31	94.40	117.10
CD602	6173.00	6503.00	213.00	-45.00	270.00	0.00	19.30	146.60
CD602	6173.00	6503.00	213.00	-45.00	270.00	56.10	68.34	146.60
CD603	6135.80	6417.00	214.70	-45.00	270.00	78.00	81.50	140.00
CD604	6332.00	6689.40	243.20	-50.00	90.00	11.30	26.50	113.30
CD604	6332.00	6689.40	243.20	-50.00	90.00	99.60	100.70	113.30
CD605	6424.10	7586.00	170.80	-45.00	270.00	60.60	83.90	151.00
CD605	6424.10	7586.00	170.80	-45.00	270.00	92.00	106.30	151.00
CD606	6424.10	7586.00	170.80	-45.00	90.00	9.00	15.60	184.00
CD606	6424.10	7586.00	170.80	-45.00	90.00	31.10	50.00	184.00
CD606	6424.10	7586.00	170.80	-45.00	90.00	50.00	59.70	184.00
CD606	6424.10	7586.00	170.80	-45.00	90.00	127.50	141.20	184.00

Table 17 Centre Pit Combined Drill-hole Intersects as at 31 Dec 2020

Hole ID	x	y	z	dip	azimuth	Depth from	Depth to	Max depth
CD606	6424.10	7586.00	170.80	-45.00	90.00	150.50	155.10	184.00
CD606	6424.10	7586.00	170.80	-45.00	90.00	155.10	162.30	184.00
CD606	6424.10	7586.00	170.80	-45.00	90.00	174.60	180.10	184.00
CD607	6398.30	7181.30	187.50	-45.00	270.00	49.62	61.48	149.50
CD608	6360.00	7090.20	190.90	-40.00	90.00	49.00	58.70	169.50
CD608	6360.00	7090.20	190.90	-40.00	90.00	75.90	83.80	169.50
CD608	6360.00	7090.20	190.90	-40.00	90.00	107.40	108.70	169.50
CD609	6360.00	7090.20	190.90	-45.00	270.00	0.20	13.00	91.80
CD611	6349.20	6832.00	229.50	-40.00	90.00	6.43	17.80	140.00
CD611	6349.20	6832.00	229.50	-40.00	90.00	77.60	84.80	140.00
CD611	6349.20	6832.00	229.50	-40.00	90.00	121.00	126.00	140.00
CD612	6410.00	7498.50	173.20	-40.00	270.00	65.50	70.50	97.40
CD613	6436.00	7090.00	222.50	-40.00	90.00	17.60	31.80	169.00
CD613	6436.00	7090.00	222.50	-40.00	90.00	75.40	84.40	169.00
CD613	6436.00	7090.00	222.50	-40.00	90.00	117.20	125.21	169.00
CD614	6149.00	6279.50	230.29	-40.00	90.00	0.50	23.63	118.00
CD614	6149.00	6279.50	230.29	-40.00	90.00	31.80	37.40	118.00
CD614	6149.00	6279.50	230.29	-40.00	90.00	94.55	96.28	118.00
CD701	6444.20	7539.50	172.30	-45.00	90.00	6.30	20.70	194.30
CD701	6444.20	7539.50	172.30	-45.00	90.00	49.40	68.69	194.30
CD701	6444.20	7539.50	172.30	-45.00	90.00	69.20	82.00	194.30
CD701	6444.20	7539.50	172.30	-45.00	90.00	106.70	113.50	194.30
CD701	6444.20	7539.50	172.30	-45.00	90.00	126.70	130.00	194.30
CD701	6444.20	7539.50	172.30	-45.00	90.00	144.60	152.40	194.30
CD701	6444.20	7539.50	172.30	-45.00	90.00	167.20	172.15	194.30
CD702	6427.00	7440.00	174.30	-45.00	90.00	0.00	34.50	119.10
CD702	6427.00	7440.00	174.30	-45.00	90.00	34.50	55.60	119.10
CD702	6427.00	7440.00	174.30	-45.00	90.00	58.25	71.40	119.10
CD702	6427.00	7440.00	174.30	-45.00	90.00	84.10	90.30	119.10
CD702	6427.00	7440.00	174.30	-45.00	90.00	96.65	114.20	119.10
CD703	6420.00	7364.00	175.70	-43.00	90.00	0.00	11.55	155.60
CD703	6420.00	7364.00	175.70	-43.00	90.00	11.55	22.30	155.60
CD703	6420.00	7364.00	175.70	-43.00	90.00	25.30	69.00	155.60
CD703	6420.00	7364.00	175.70	-43.00	90.00	75.60	82.50	155.60
CD703	6420.00	7364.00	175.70	-43.00	90.00	82.50	90.00	155.60
CD703	6420.00	7364.00	175.70	-43.00	90.00	90.00	98.10	155.60
CD703	6420.00	7364.00	175.70	-43.00	90.00	98.10	104.90	155.60
CD703	6420.00	7364.00	175.70	-43.00	90.00	113.50	130.10	155.60
CD703	6420.00	7364.00	175.70	-43.00	90.00	141.00	148.90	155.60
CD704	6411.70	7317.50	176.00	-40.00	90.00	0.00	11.80	98.50
CD704	6411.70	7317.50	176.00	-40.00	90.00	13.90	30.00	98.50

Table 17 Centre Pit Combined Drill-hole Intersects as at 31 Dec 2020

Hole ID	x	y	z	dip	azimuth	Depth from	Depth to	Max depth
CD704	6411.70	7317.50	176.00	-40.00	90.00	31.20	50.30	98.50
CD704	6411.70	7317.50	176.00	-40.00	90.00	53.10	71.40	98.50
CD704	6411.70	7317.50	176.00	-40.00	90.00	77.39	90.90	98.50
CD705	6423.00	7273.00	176.20	-40.00	90.00	0.00	37.20	131.20
CD705	6423.00	7273.00	176.20	-40.00	90.00	37.20	52.60	131.20
CD705	6423.00	7273.00	176.20	-40.00	90.00	71.50	78.90	131.20
CD705	6423.00	7273.00	176.20	-40.00	90.00	78.90	90.50	131.20
CD706	6381.00	7136.00	190.50	-40.00	90.00	65.80	70.50	115.85
CD706	6381.00	7136.00	190.50	-40.00	90.00	70.50	75.85	115.85
CD707	6304.90	7001.00	193.50	-40.00	90.00	0.00	4.50	112.50
CD707	6304.90	7001.00	193.50	-40.00	90.00	52.30	98.00	112.50
CD708	6259.80	6873.50	196.20	-45.00	90.00	18.00	58.06	120.50
CD708	6259.80	6873.50	196.20	-45.00	90.00	59.17	88.10	120.50
CD708	6259.80	6873.50	196.20	-45.00	90.00	98.20	111.00	120.50
CD709	6166.20	6640.80	201.60	-45.00	90.00	0.00	3.75	100.50
CD709	6166.20	6640.80	201.60	-45.00	90.00	24.00	28.55	100.50
CD709	6166.20	6640.80	201.60	-45.00	90.00	53.10	76.50	100.50
CD709	6166.20	6640.80	201.60	-45.00	90.00	86.00	93.92	100.50
CD709	6166.20	6640.80	201.60	-45.00	90.00	100.39	100.50	100.50
CD711	6151.50	6369.50	205.20	-40.00	90.00	0.00	5.50	91.50
CD711	6151.50	6369.50	205.20	-40.00	90.00	9.00	52.50	91.50
CD712	6098.80	6234.50	208.30	-40.00	270.00	0.00	13.30	144.00
CD712	6098.80	6234.50	208.30	-40.00	270.00	28.80	44.00	144.00
CD712	6098.80	6234.50	208.30	-40.00	270.00	44.00	78.30	144.00
CD712	6098.80	6234.50	208.30	-40.00	270.00	78.30	113.40	144.00
CD712	6098.80	6234.50	208.30	-40.00	270.00	123.70	139.50	144.00
CD713	6359.00	7043.00	192.70	-40.00	90.00	0.00	0.65	112.00
CD713	6359.00	7043.00	192.70	-40.00	90.00	26.20	42.00	112.00
CD713	6359.00	7043.00	192.70	-40.00	90.00	46.20	56.00	112.00
CD713	6359.00	7043.00	192.70	-40.00	90.00	92.70	98.30	112.00
CD714	6149.50	6462.50	204.30	-45.00	90.00	5.80	21.40	131.60
CD714	6149.50	6462.50	204.30	-45.00	90.00	23.25	48.10	131.60
CD714	6149.50	6462.50	204.30	-45.00	90.00	52.39	52.49	131.60
CD714	6149.50	6462.50	204.30	-45.00	90.00	83.53	83.60	131.60
CD714	6149.50	6462.50	204.30	-45.00	90.00	83.60	99.70	131.60
CD715	6219.50	6500.00	202.80	-50.00	270.00	50.19	52.77	91.40
CD715	6219.50	6500.00	202.80	-50.00	270.00	76.50	76.79	91.40
CD716	6500.00	7719.70	158.00	-40.00	270.00	0.00	49.58	157.20
CD716	6500.00	7719.70	158.00	-40.00	270.00	49.93	51.10	157.20
CD716	6500.00	7719.70	158.00	-40.00	270.00	51.20	66.60	157.20
CD716	6500.00	7719.70	158.00	-40.00	270.00	66.60	90.60	157.20

Table 17 Centre Pit Combined Drill-hole Intersects as at 31 Dec 2020

Hole ID	x	y	z	dip	azimuth	Depth from	Depth to	Max depth
CD716	6500.00	7719.70	158.00	-40.00	270.00	90.60	110.20	157.20
CD716	6500.00	7719.70	158.00	-40.00	270.00	119.40	141.00	157.20
CD716	6500.00	7719.70	158.00	-40.00	270.00	141.00	148.90	157.20
CD717	6237.00	6830.00	197.20	-50.00	90.00	0.00	3.50	120.00
CD717	6237.00	6830.00	197.20	-50.00	90.00	24.30	33.60	120.00
CD717	6237.00	6830.00	197.20	-50.00	90.00	60.80	80.80	120.00
CD717	6237.00	6830.00	197.20	-50.00	90.00	89.10	94.30	120.00
CD717	6237.00	6830.00	197.20	-50.00	90.00	100.25	111.28	120.00
CD717	6237.00	6830.00	197.20	-50.00	90.00	111.28	120.00	120.00
CD718	6193.10	6736.50	199.50	-45.00	90.00	27.30	42.60	129.40
CD718	6193.10	6736.50	199.50	-45.00	90.00	54.52	55.03	129.40
CD718	6193.10	6736.50	199.50	-45.00	90.00	55.03	55.85	129.40
CD718	6193.10	6736.50	199.50	-45.00	90.00	55.85	65.26	129.40
CD718	6193.10	6736.50	199.50	-45.00	90.00	79.20	107.90	129.40
CD719	6233.90	6688.80	200.30	-40.00	90.00	0.00	4.50	120.00
CD719	6233.90	6688.80	200.30	-40.00	90.00	4.50	9.40	120.00
CD719	6233.90	6688.80	200.30	-40.00	90.00	9.40	18.70	120.00
CD719	6233.90	6688.80	200.30	-40.00	90.00	20.90	25.91	120.00
CD719	6233.90	6688.80	200.30	-40.00	90.00	35.75	76.60	120.00
CD719	6233.90	6688.80	200.30	-40.00	90.00	102.85	104.12	120.00
CD720	6244.50	6599.50	201.85	-45.00	90.00	7.00	12.72	104.70
CD720	6244.50	6599.50	201.85	-45.00	90.00	12.99	26.30	104.70
CD720	6244.50	6599.50	201.85	-45.00	90.00	26.30	48.70	104.70
CD720	6244.50	6599.50	201.85	-45.00	90.00	48.70	64.50	104.70
CD720	6244.50	6599.50	201.85	-45.00	90.00	94.15	95.20	104.70
CD721	6107.50	6325.00	207.25	-40.00	90.00	0.00	8.00	103.50
CD721	6107.50	6325.00	207.25	-40.00	90.00	32.90	45.70	103.50
CD721	6107.50	6325.00	207.25	-40.00	90.00	68.90	75.00	103.50
CD722	6075.00	6235.00	208.30	-45.00	90.00	0.00	12.50	90.00
CD722	6075.00	6235.00	208.30	-45.00	90.00	17.50	51.70	90.00
CD722	6075.00	6235.00	208.30	-45.00	90.00	51.70	58.30	90.00
CD723	6041.60	6140.00	233.30	-45.00	270.00	10.20	29.90	76.50
CD723	6041.60	6140.00	233.30	-45.00	270.00	35.00	44.70	76.50
CD724	6115.00	6139.70	240.90	-45.00	270.00	32.20	44.90	102.00
CD724	6115.00	6139.70	240.90	-45.00	270.00	53.11	64.35	102.00
CD724	6115.00	6139.70	240.90	-45.00	270.00	72.40	96.91	102.00
CD725	6400.00	7628.80	159.75	-40.00	90.00	44.04	80.00	204.00
CD725	6400.00	7628.80	159.75	-40.00	90.00	84.85	95.00	204.00
CD725	6400.00	7628.80	159.75	-40.00	90.00	95.00	123.00	204.00
CD725	6400.00	7628.80	159.75	-40.00	90.00	192.30	197.30	204.00
CD726	6360.50	6958.10	194.00	-40.00	90.00	3.80	16.00	89.00

Table 17 Centre Pit Combined Drill-hole Intersects as at 31 Dec 2020

Hole ID	x	y	z	dip	azimuth	Depth from	Depth to	Max depth
CD726	6360.50	6958.10	194.00	-40.00	90.00	17.12	27.30	89.00
CD726	6360.50	6958.10	194.00	-40.00	90.00	31.20	51.28	89.00
CD726	6360.50	6958.10	194.00	-40.00	90.00	54.19	67.57	89.00
CD726	6360.50	6958.10	194.00	-40.00	90.00	69.54	72.98	89.00
CD726	6360.50	6958.10	194.00	-40.00	90.00	74.15	74.20	89.00
CD727	6294.60	6787.60	198.30	-40.00	90.00	0.00	11.20	100.00
CD727	6294.60	6787.60	198.30	-40.00	90.00	15.20	33.00	100.00
CD727	6294.60	6787.60	198.30	-40.00	90.00	62.50	90.00	100.00
CD727	6294.60	6787.60	198.30	-40.00	90.00	91.80	97.40	100.00
CD728	6139.70	6498.80	204.80	-45.00	90.00	0.00	9.50	99.70
CD728	6139.70	6498.80	204.80	-45.00	90.00	24.80	52.00	99.70
CD728	6139.70	6498.80	204.80	-45.00	90.00	60.50	62.40	99.70
CD728	6139.70	6498.80	204.80	-45.00	90.00	62.40	73.00	99.70
CD729	6132.60	6553.00	203.00	-40.00	90.00	41.20	47.10	164.50
CD729	6132.60	6553.00	203.00	-40.00	90.00	56.80	64.40	164.50
CD729	6132.60	6553.00	203.00	-40.00	90.00	64.64	78.08	164.50
CD729	6132.60	6553.00	203.00	-40.00	90.00	96.90	130.70	164.50
CD729	6132.60	6553.00	203.00	-40.00	90.00	131.20	149.14	164.50
CD729	6132.60	6553.00	203.00	-40.00	90.00	149.14	149.65	164.50
CD729	6132.60	6553.00	203.00	-40.00	90.00	149.65	149.95	164.50
CD730	6062.60	6279.00	208.10	-40.00	90.00	0.00	20.50	126.00
CD730	6062.60	6279.00	208.10	-40.00	90.00	33.90	53.20	126.00
CD730	6062.60	6279.00	208.10	-40.00	90.00	64.80	77.30	126.00
CD731	6386.00	7227.20	178.00	-40.00	90.00	35.70	52.50	110.00
CD732	6414.30	7182.00	179.10	-50.00	90.00	0.00	7.19	105.50
CD801	6450.50	7364.20	143.00	-45.00	270.00	0.00	8.80	98.50
CD801	6450.50	7364.20	143.00	-45.00	270.00	10.29	16.86	98.50
CD801	6450.50	7364.20	143.00	-45.00	270.00	34.00	58.30	98.50
CD801	6450.50	7364.20	143.00	-45.00	270.00	65.50	81.81	98.50
CD802	6465.00	7410.90	143.15	-45.00	90.00	0.00	12.47	85.00
CD802	6465.00	7410.90	143.15	-45.00	90.00	13.12	17.00	85.00
CD802	6465.00	7410.90	143.15	-45.00	90.00	17.00	35.00	85.00
CD802	6465.00	7410.90	143.15	-45.00	90.00	35.00	75.40	85.00
CD802	6465.00	7410.90	143.15	-45.00	90.00	75.40	78.50	85.00
CD803	6470.30	7439.50	141.70	-45.00	270.00	0.00	1.54	91.20
CD803	6470.30	7439.50	141.70	-45.00	270.00	4.29	25.70	91.20
CD803	6470.30	7439.50	141.70	-45.00	270.00	28.80	54.44	91.20
CD803	6470.30	7439.50	141.70	-45.00	270.00	54.44	86.80	91.20
CD804	6449.80	7272.20	145.40	-40.00	270.00	44.90	66.50	80.80
CD804	6449.80	7272.20	145.40	-40.00	270.00	70.10	73.60	80.80
CD805	6458.60	7719.50	128.60	-45.00	90.00	0.00	0.73	57.00

Table 17 Centre Pit Combined Drill-hole Intersects as at 31 Dec 2020

Hole ID	x	y	z	dip	azimuth	Depth from	Depth to	Max depth
CD805	6458.60	7719.50	128.60	-45.00	90.00	2.40	19.70	57.00
CD805	6458.60	7719.50	128.60	-45.00	90.00	42.30	49.40	57.00
CD806	6186.10	6462.60	154.80	-45.00	270.00	46.82	54.00	54.00
CD807	6015.00	6235.40	155.90	-50.00	90.00	0.40	28.90	80.30
CD807	6015.00	6235.40	155.90	-50.00	90.00	28.90	42.10	80.30
CD807	6015.00	6235.40	155.90	-50.00	90.00	67.90	75.60	80.30
CD807	6015.00	6235.40	155.90	-50.00	90.00	75.60	80.30	80.30
CD808	6042.80	6278.80	147.00	-45.00	90.00	0.00	16.30	80.30
CD808	6042.80	6278.80	147.00	-45.00	90.00	40.70	45.70	80.30
CD808	6042.80	6278.80	147.00	-45.00	90.00	45.70	52.70	80.30
CD808	6042.80	6278.80	147.00	-45.00	90.00	52.70	75.70	80.30
CD808	6042.80	6278.80	147.00	-45.00	90.00	75.70	80.30	80.30
CD810	6124.90	6502.10	155.10	-45.00	90.00	28.38	38.31	77.00
CD810	6124.90	6502.10	155.10	-45.00	90.00	52.84	70.50	77.00
CD811	6446.80	7540.90	130.70	-50.00	90.00	0.00	0.83	100.00
CD811	6446.80	7540.90	130.70	-50.00	90.00	10.72	17.20	100.00
CD811	6446.80	7540.90	130.70	-50.00	90.00	17.20	27.60	100.00
CD811	6446.80	7540.90	130.70	-50.00	90.00	27.60	51.86	100.00
CD811	6446.80	7540.90	130.70	-50.00	90.00	53.49	58.80	100.00
CD811	6446.80	7540.90	130.70	-50.00	90.00	80.00	95.30	100.00
CD812	6445.90	7677.60	126.90	-45.00	90.00	0.00	9.53	117.00
CD812	6445.90	7677.60	126.90	-45.00	90.00	19.90	23.50	117.00
CD812	6445.90	7677.60	126.90	-45.00	90.00	23.50	33.00	117.00
CD812	6445.90	7677.60	126.90	-45.00	90.00	33.00	65.30	117.00
CD812	6445.90	7677.60	126.90	-45.00	90.00	65.30	73.70	117.00
CD812	6445.90	7677.60	126.90	-45.00	90.00	85.90	111.90	117.00
CD813	6470.10	7625.50	128.30	-50.00	270.00	0.00	42.90	90.00
CD813	6470.10	7625.50	128.30	-50.00	270.00	54.90	85.50	90.00
CD901	6573.40	7745.00	145.00	-54.00	270.00	105.00	115.00	301.50
CD901	6573.40	7745.00	145.00	-54.00	270.00	124.40	162.10	301.50
CD901	6573.40	7745.00	145.00	-54.00	270.00	164.00	255.80	301.50
CD901	6573.40	7745.00	145.00	-54.00	270.00	264.20	292.50	301.50
CD901	6573.40	7745.00	145.00	-54.00	270.00	292.50	299.50	301.50
CD903	5926.00	6158.30	209.50	-50.00	90.00	107.30	113.40	241.30
CD903	5926.00	6158.30	209.50	-50.00	90.00	115.55	118.50	241.30
CD903	5926.00	6158.30	209.50	-50.00	90.00	127.60	171.00	241.30
CD903	5926.00	6158.30	209.50	-50.00	90.00	181.86	202.01	241.30
CD903	5926.00	6158.30	209.50	-50.00	90.00	210.34	211.51	241.30
CD903	5926.00	6158.30	209.50	-50.00	90.00	214.40	224.40	241.30
CD904	5942.20	6325.10	192.50	-50.00	90.00	178.80	187.30	272.00
CD904	5942.20	6325.10	192.50	-50.00	90.00	196.80	197.95	272.00

Table 17 Centre Pit Combined Drill-hole Intersects as at 31 Dec 2020

Hole ID	x	y	z	dip	azimuth	Depth from	Depth to	Max depth
CD904	5942.20	6325.10	192.50	-50.00	90.00	197.95	198.12	272.00
CD904	5942.20	6325.10	192.50	-50.00	90.00	198.12	219.30	272.00
CD904	5942.20	6325.10	192.50	-50.00	90.00	227.60	264.60	272.00
CD905	6061.80	6499.90	173.00	-50.00	90.00	95.29	109.05	247.00
CD905	6061.80	6499.90	173.00	-50.00	90.00	123.30	126.50	247.00
CD905	6061.80	6499.90	173.00	-50.00	90.00	138.30	142.30	247.00
CD905	6061.80	6499.90	173.00	-50.00	90.00	152.10	178.40	247.00
CD905	6061.80	6499.90	173.00	-50.00	90.00	196.80	212.03	247.00
CD905	6061.80	6499.90	173.00	-50.00	90.00	212.03	212.04	247.00
CD905	6061.80	6499.90	173.00	-50.00	90.00	212.05	230.70	247.00
CD905	6061.80	6499.90	173.00	-50.00	90.00	237.92	242.40	247.00
CD906	6163.00	6780.00	168.50	-50.00	83.00	96.80	107.70	236.70
CD906	6163.00	6780.00	168.50	-50.00	83.00	114.48	136.80	236.70
CD906	6163.00	6780.00	168.50	-50.00	83.00	143.00	161.20	236.70
CD908	6599.00	7540.00	183.00	-53.00	270.00	82.40	92.30	250.00
CD908	6599.00	7540.00	183.00	-53.00	270.00	93.70	97.10	250.00
CD908	6599.00	7540.00	183.00	-53.00	270.00	128.50	139.10	250.00
CD908	6599.00	7540.00	183.00	-53.00	270.00	153.18	169.67	250.00
CD908	6599.00	7540.00	183.00	-53.00	270.00	169.96	224.40	250.00
CD908	6599.00	7540.00	183.00	-53.00	270.00	238.20	250.00	250.00
CD910	6111.00	6599.00	160.00	-45.00	90.00	93.04	93.51	242.00
CD910	6111.00	6599.00	160.00	-45.00	90.00	116.20	134.10	242.00
CD910	6111.00	6599.00	160.00	-45.00	90.00	134.53	166.81	242.00
CD910	6111.00	6599.00	160.00	-45.00	90.00	201.17	201.27	242.00
CD911	6007.00	6095.00	222.00	-60.00	90.00	0.00	24.00	111.00
CD911	6007.00	6095.00	222.00	-60.00	90.00	58.00	84.00	111.00
CD911	6007.00	6095.00	222.00	-60.00	90.00	110.92	111.00	111.00
CD913	5948.00	6045.00	222.00	-60.00	90.00	28.00	42.00	96.00
CD913	5948.00	6045.00	222.00	-60.00	90.00	70.18	80.08	96.00
CDDH07001	6421.05	7816.59	111.71	-53.56	72.63	4.76	13.36	20.00
CDDH07001	6421.05	7816.59	111.71	-53.56	72.63	13.36	20.00	20.00
CDDH07002	6419.03	7816.03	111.54	-86.27	244.45	5.60	20.00	20.00
CDDH13011	6017.12	6673.00	188.58	-50.62	91.34	280.75	287.80	410.00
CDDH13012	6056.43	6746.77	193.83	-59.73	91.48	279.30	300.50	400.00
CDDH13012	6056.43	6746.77	193.83	-59.73	91.48	305.60	311.20	400.00
CDDH13012	6056.43	6746.77	193.83	-59.73	91.48	328.20	360.93	400.00
CDDH13012	6056.43	6746.77	193.83	-59.73	91.48	360.93	364.37	400.00
CDDH13013	6174.86	6829.12	168.98	-53.71	126.79	99.00	111.00	262.10
CDDH13013	6174.86	6829.12	168.98	-53.71	126.79	121.53	138.25	262.10
CDDH13013	6174.86	6829.12	168.98	-53.71	126.79	145.40	167.90	262.10
CDDH13013	6174.86	6829.12	168.98	-53.71	126.79	174.10	184.90	262.10

Table 17 Centre Pit Combined Drill-hole Intersects as at 31 Dec 2020

Hole ID	x	y	z	dip	azimuth	Depth from	Depth to	Max depth
CDDH13013	6174.86	6829.12	168.98	-53.71	126.79	186.90	212.90	262.10
CDDH13013	6174.86	6829.12	168.98	-53.71	126.79	222.30	233.60	262.10
CDDH13014	6175.23	6829.95	169.14	-52.04	81.07	82.72	92.30	315.20
CDDH13014	6175.23	6829.95	169.14	-52.04	81.07	112.30	120.90	315.20
CDDH13014	6175.23	6829.95	169.14	-52.04	81.07	199.90	218.00	315.20
CDDH13014	6175.23	6829.95	169.14	-52.04	81.07	243.50	255.50	315.20
CDDH13014	6175.23	6829.95	169.14	-52.04	81.07	271.10	281.62	315.20
CDDH13014	6175.23	6829.95	169.14	-52.04	81.07	281.62	281.63	315.20
CDDH13014	6175.23	6829.95	169.14	-52.04	81.07	281.63	292.40	315.20
CDDH13014	6175.23	6829.95	169.14	-52.04	81.07	296.10	308.98	315.20
CDDH13015	6263.19	6927.95	155.05	-57.38	112.68	89.37	90.89	229.80
CDDH13015	6263.19	6927.95	155.05	-57.38	112.68	116.29	117.98	229.80
CDDH13015	6263.19	6927.95	155.05	-57.38	112.68	133.60	140.60	229.80
CDDH13015	6263.19	6927.95	155.05	-57.38	112.68	148.60	171.10	229.80
CDDH13015	6263.19	6927.95	155.05	-57.38	112.68	171.10	174.80	229.80
CDDH13015	6263.19	6927.95	155.05	-57.38	112.68	182.30	184.00	229.80
CDDH13015	6263.19	6927.95	155.05	-57.38	112.68	190.57	208.70	229.80
CDDH13016	6264.22	6930.42	155.01	-50.97	77.19	102.57	113.78	230.10
CDDH13016	6264.22	6930.42	155.01	-50.97	77.19	121.90	128.43	230.10
CDDH13016	6264.22	6930.42	155.01	-50.97	77.19	145.82	161.05	230.10
CDDH13016	6264.22	6930.42	155.01	-50.97	77.19	177.33	187.12	230.10
CDDH13016	6264.22	6930.42	155.01	-50.97	77.19	187.12	191.50	230.10
CDDH13016	6264.22	6930.42	155.01	-50.97	77.19	191.50	212.97	230.10
CDDH13017	6176.23	6828.28	168.23	-51.97	98.46	76.33	86.67	278.30
CDDH13017	6176.23	6828.28	168.23	-51.97	98.46	112.30	122.40	278.30
CDDH13017	6176.23	6828.28	168.23	-51.97	98.46	124.30	159.15	278.30
CDDH13017	6176.23	6828.28	168.23	-51.97	98.46	164.10	177.00	278.30
CDDH13017	6176.23	6828.28	168.23	-51.97	98.46	238.00	243.30	278.30
CDDH13018	6338.83	7000.72	144.49	-63.85	90.02	45.30	54.17	163.70
CDDH13018	6338.83	7000.72	144.49	-63.85	90.02	60.55	82.24	163.70
CDDH13018	6338.83	7000.72	144.49	-63.85	90.02	82.24	82.82	163.70
CDDH13018	6338.83	7000.72	144.49	-63.85	90.02	82.82	102.70	163.70
CDDH13018	6338.83	7000.72	144.49	-63.85	90.02	109.15	138.80	163.70
CDDH13018	6338.83	7000.72	144.49	-63.85	90.02	138.80	148.00	163.70
CDDH13019	6323.90	7087.32	139.92	-56.50	116.73	28.50	52.62	195.20
CDDH13019	6323.90	7087.32	139.92	-56.50	116.73	72.70	106.80	195.20
CDDH13019	6323.90	7087.32	139.92	-56.50	116.73	110.50	127.00	195.20
CDDH13019	6323.90	7087.32	139.92	-56.50	116.73	130.80	163.80	195.20
CDDH13019	6323.90	7087.32	139.92	-56.50	116.73	170.00	186.55	195.20
CDDH13020	6323.92	7088.57	139.93	-54.70	81.62	38.20	49.60	219.60
CDDH13020	6323.92	7088.57	139.93	-54.70	81.62	59.35	81.00	219.60




Table 17 Centre Pit Combined Drill-hole Intersects as at 31 Dec 2020

Hole ID	x	y	z	dip	azimuth	Depth from	Depth to	Max depth
CDDH13020	6323.92	7088.57	139.93	-54.70	81.62	93.45	124.30	219.60
CDDH13020	6323.92	7088.57	139.93	-54.70	81.62	130.00	139.80	219.60
CDDH13020	6323.92	7088.57	139.93	-54.70	81.62	150.11	174.35	219.60
CDDH13020	6323.92	7088.57	139.93	-54.70	81.62	174.35	195.40	219.60
CDDH13021	6323.51	7090.78	139.72	-48.83	54.88	52.80	56.70	246.50
CDDH13021	6323.51	7090.78	139.72	-48.83	54.88	65.23	68.05	246.50
CDDH13021	6323.51	7090.78	139.72	-48.83	54.88	69.10	98.30	246.50
CDDH13021	6323.51	7090.78	139.72	-48.83	54.88	122.20	148.40	246.50
CDDH13021	6323.51	7090.78	139.72	-48.83	54.88	151.90	179.90	246.50
CDDH13021	6323.51	7090.78	139.72	-48.83	54.88	181.60	185.10	246.50
CDDH13021	6323.51	7090.78	139.72	-48.83	54.88	189.60	202.40	246.50
CDDH13021	6323.51	7090.78	139.72	-48.83	54.88	210.40	228.10	246.50
CDDH14001	6294.11	6850.43	141.64	-59.16	89.75	0.00	9.60	314.20
CDDH14001	6294.11	6850.43	141.64	-59.16	89.75	16.98	19.37	314.20
CDDH14001	6294.11	6850.43	141.64	-59.16	89.75	19.53	37.79	314.20
CDDH14001	6294.11	6850.43	141.64	-59.16	89.75	44.80	54.00	314.20
CDDH14001	6294.11	6850.43	141.64	-59.16	89.75	98.42	109.25	314.20
CDDH14001	6294.11	6850.43	141.64	-59.16	89.75	110.34	118.60	314.20
CDDH14001	6294.11	6850.43	141.64	-59.16	89.75	189.40	197.90	314.20
CDDH14001	6294.11	6850.43	141.64	-59.16	89.75	258.15	262.00	314.20
CDDH14002	6314.81	6900.14	140.75	-60.15	90.51	18.00	23.30	150.70
CDDH14002	6314.81	6900.14	140.75	-60.15	90.51	90.42	91.52	150.70
CDDH14002	6314.81	6900.14	140.75	-60.15	90.51	91.52	93.70	150.70
CDDH14002	6314.81	6900.14	140.75	-60.15	90.51	95.90	98.90	150.70
CDDH14002	6314.81	6900.14	140.75	-60.15	90.51	99.14	106.38	150.70
CDDH14003	6342.98	6950.19	140.46	-59.38	89.98	0.00	0.35	135.10
CDDH14003	6342.98	6950.19	140.46	-59.38	89.98	99.02	99.26	135.10
CDDH14004	6392.66	7050.16	152.20	-60.06	89.94	32.50	44.92	115.80
CDDH14004	6392.66	7050.16	152.20	-60.06	89.94	66.40	72.40	115.80
CDDH14004	6392.66	7050.16	152.20	-60.06	89.94	72.40	76.45	115.80
CDDH14005	6396.75	7100.15	153.15	-60.04	90.91	5.90	18.29	120.80
CDDH14005	6396.75	7100.15	153.15	-60.04	90.91	30.95	49.00	120.80
CDDH14005	6396.75	7100.15	153.15	-60.04	90.91	63.75	76.15	120.80
CDDH14005	6396.75	7100.15	153.15	-60.04	90.91	78.20	87.30	120.80
CDDH14005	6396.75	7100.15	153.15	-60.04	90.91	87.30	95.80	120.80
CDDH14006	6403.49	7150.27	153.73	-59.16	90.22	33.02	33.35	122.20
CDDH14006	6403.49	7150.27	153.73	-59.16	90.22	46.38	53.51	122.20
CDDH14006	6403.49	7150.27	153.73	-59.16	90.22	67.55	77.80	122.20
CDDH14006	6403.49	7150.27	153.73	-59.16	90.22	102.18	112.35	122.20
CP2018_01	6485.02	7204.29	166.17	-54.14	90.32	0.00	5.37	212.00
CP2018_01	6485.02	7204.29	166.17	-54.14	90.32	28.92	33.78	212.00

Table 17 Centre Pit Combined Drill-hole Intersects as at 31 Dec 2020

Hole ID	x	y	z	dip	azimuth	Depth from	Depth to	Max depth
CP2018_02	6331.39	7398.26	132.22	-47.90	87.48	42.04	58.10	255.50
CP2018_02	6331.39	7398.26	132.22	-47.90	87.48	109.62	127.93	255.50
CP2018_02	6331.39	7398.26	132.22	-47.90	87.48	127.93	149.99	255.50
CP2018_02	6331.39	7398.26	132.22	-47.90	87.48	186.27	190.30	255.50
CP2018_02	6331.39	7398.26	132.22	-47.90	87.48	200.97	209.54	255.50
CP2018_02	6331.39	7398.26	132.22	-47.90	87.48	227.70	227.72	255.50
CP2018_02	6331.39	7398.26	132.22	-47.90	87.48	248.78	251.80	255.50
CP2018_03	6331.97	7242.69	136.59	-65.86	90.00	61.82	84.92	211.30
CP2018_03	6331.97	7242.69	136.59	-65.86	90.00	133.32	134.61	211.30
CP2018_03	6331.97	7242.69	136.59	-65.86	90.00	136.08	147.20	211.30
CP2018_03	6331.97	7242.69	136.59	-65.86	90.00	189.80	211.30	211.30
CP2018_04	6331.08	7243.70	136.53	-46.41	58.59	50.30	68.35	221.90
CP2018_04	6331.08	7243.70	136.53	-46.41	58.59	104.77	117.09	221.90
CP2018_04	6331.08	7243.70	136.53	-46.41	58.59	121.12	174.96	221.90
CP2018_04	6331.08	7243.70	136.53	-46.41	58.59	174.96	183.03	221.90
CP2018_05	6332.48	7401.90	132.07	-51.06	116.79	46.17	68.15	200.50
CP2018_05	6332.48	7401.90	132.07	-51.06	116.79	107.10	121.12	200.50
CP2018_05	6332.48	7401.90	132.07	-51.06	116.79	121.12	133.89	200.50
CP2018_05	6332.48	7401.90	132.07	-51.06	116.79	133.89	183.71	200.50
CP2018_06a	6327.72	7484.72	126.98	-63.13	67.57	47.66	50.09	150.30
CP2018_06a	6327.72	7484.72	126.98	-63.13	67.57	72.24	95.88	150.30
CP2018_06a	6327.72	7484.72	126.98	-63.13	67.57	117.29	122.95	150.30
CP2018_07	6329.62	7399.55	132.10	-68.10	90.23	67.69	110.80	132.50
CP2018_08a	6409.45	7359.83	152.61	-52.39	72.35	1.14	30.59	222.50
CP2018_08a	6409.45	7359.83	152.61	-52.39	72.35	88.51	96.42	222.50
CP2018_08a	6409.45	7359.83	152.61	-52.39	72.35	98.26	111.16	222.50
CP2018_08a	6409.45	7359.83	152.61	-52.39	72.35	121.97	130.92	222.50
CP2018_08a	6409.45	7359.83	152.61	-52.39	72.35	133.38	159.91	222.50
CP2018_08a	6409.45	7359.83	152.61	-52.39	72.35	160.92	167.33	222.50
CP2018_09a	6326.79	7486.01	126.93	-49.95	36.76	96.44	138.86	157.00
CP2018_12	6365.73	7856.44	110.32	-44.20	143.04	40.00	48.60	333.50
CP2018_12	6365.73	7856.44	110.32	-44.20	143.04	49.54	59.65	333.50
CP2018_12	6365.73	7856.44	110.32	-44.20	143.04	62.27	96.26	333.50
CP2018_12	6365.73	7856.44	110.32	-44.20	143.04	142.66	150.74	333.50
CP2018_12	6365.73	7856.44	110.32	-44.20	143.04	153.85	162.94	333.50
CP2018_12	6365.73	7856.44	110.32	-44.20	143.04	188.69	194.91	333.50
CP2018_12	6365.73	7856.44	110.32	-44.20	143.04	201.84	227.46	333.50
CP2018_12	6365.73	7856.44	110.32	-44.20	143.04	229.11	230.75	333.50
CP2018_12	6365.73	7856.44	110.32	-44.20	143.04	240.93	257.42	333.50
CP2018_12	6365.73	7856.44	110.32	-44.20	143.04	257.42	275.58	333.50
CP2018_12	6365.73	7856.44	110.32	-44.20	143.04	324.84	329.49	333.50

Table 17 Centre Pit Combined Drill-hole Intersects as at 31 Dec 2020

Hole ID	x	y	z	dip	azimuth	Depth from	Depth to	Max depth
CP2018_13	6327.72	7484.72	126.98	-48.78	90.08	34.15	39.64	274.00
CP2018_13	6327.72	7484.72	126.98	-48.78	90.08	52.72	63.92	274.00
CP2018_13	6327.72	7484.72	126.98	-48.78	90.08	75.84	78.49	274.00
CP2018_13	6327.72	7484.72	126.98	-48.78	90.08	132.81	134.13	274.00
CP2018_13	6327.72	7484.72	126.98	-48.78	90.08	142.66	157.24	274.00
CP2018_13	6327.72	7484.72	126.98	-48.78	90.08	157.24	171.10	274.00
CP2018_13	6327.72	7484.72	126.98	-48.78	90.08	186.32	219.24	274.00
CP2018_13	6327.72	7484.72	126.98	-48.78	90.08	226.20	251.04	274.00
CP8877	6491.00	7699.00	129.00	-90.00	0.00	0.00	4.30	21.00
CP8877	6491.00	7699.00	129.00	-90.00	0.00	9.00	21.00	21.00
CP8879	6472.00	7696.00	127.00	-90.00	0.00	0.00	3.00	3.00
CP8880	6465.00	7677.00	127.00	-90.00	0.00	0.00	3.00	3.00
CP8881	6457.00	7653.00	127.00	-90.00	0.00	0.00	6.00	6.00
CP8883	6461.00	7627.00	127.00	-90.00	0.00	0.00	21.00	21.00
CP8884	6455.00	7628.00	127.00	-90.00	0.00	0.00	3.00	3.00
CP8885	6459.00	7612.00	127.00	-90.00	0.00	0.00	21.00	21.00
CP8886	6464.00	7657.00	128.00	-90.00	0.00	0.00	6.00	6.00
CP8887	6456.00	7591.00	127.00	-90.00	0.00	0.00	1.14	21.00
CP8887	6456.00	7591.00	127.00	-90.00	0.00	12.00	21.00	21.00
CP8888	6453.00	7572.00	127.00	-90.00	0.00	0.00	21.00	21.00
CP8889	6454.00	7541.00	129.00	-90.00	0.00	6.00	18.00	24.00
CP8890	6462.00	7512.00	129.00	-90.00	0.00	0.00	11.24	24.00
CP8890	6462.00	7512.00	129.00	-90.00	0.00	13.34	24.00	24.00
CP8891	6476.00	7518.00	128.00	-90.00	0.00	0.06	24.00	24.00
CP8892	6475.00	7541.00	129.00	-90.00	0.00	0.65	21.70	24.00
CP8892	6475.00	7541.00	129.00	-90.00	0.00	22.79	24.00	24.00
CP8893	6485.00	7460.00	128.00	-90.00	0.00	0.00	24.00	24.00
CP8894	6474.00	7481.00	129.00	-90.00	0.00	0.00	24.00	24.00
CP8895	6485.00	7502.00	128.00	-90.00	0.00	0.00	24.00	24.00
CP8896	6469.00	7500.00	129.00	-90.00	0.00	0.00	24.00	24.00
CP8897	6473.00	7678.00	128.00	-90.00	0.00	0.00	6.00	6.00
CP8898	6481.00	7699.00	128.00	-90.00	0.00	0.00	0.92	3.00
CPSTH1	6406.65	6997.93	159.25	-54.68	110.30	0.00	12.00	29.50
CPSTH2	6404.77	7012.28	157.21	-53.29	111.16	0.00	29.50	29.50
DH014	6660.00	7870.00	140.00	-60.00	274.00	258.50	268.80	469.70
DH014	6660.00	7870.00	140.00	-60.00	274.00	272.20	291.10	469.70
DH014	6660.00	7870.00	140.00	-60.00	274.00	307.50	349.00	469.70
DH014	6660.00	7870.00	140.00	-60.00	274.00	355.10	356.30	469.70
DH014	6660.00	7870.00	140.00	-60.00	274.00	368.80	417.60	469.70
DH018	6558.00	8042.00	155.40	-55.00	270.00	111.66	145.40	193.20
DH018	6558.00	8042.00	155.40	-55.00	270.00	160.16	169.80	193.20

Table 17 Centre Pit Combined Drill-hole Intersects as at 31 Dec 2020

Hole ID	x	y	z	dip	azimuth	Depth from	Depth to	Max depth
DH018	6558.00	8042.00	155.40	-55.00	270.00	169.80	172.80	193.20
DH019	6552.00	8195.00	161.50	-60.00	270.00	20.62	77.61	150.00
DH019	6552.00	8195.00	161.50	-60.00	270.00	77.62	81.78	150.00
DH019	6552.00	8195.00	161.50	-60.00	270.00	83.67	84.30	150.00
DH019	6552.00	8195.00	161.50	-60.00	270.00	85.78	87.50	150.00
DH023	6252.00	6736.00	284.00	-46.00	270.00	0.00	32.35	90.50
DH023	6252.00	6736.00	284.00	-46.00	270.00	32.59	84.94	90.50
DH023	6252.00	6736.00	284.00	-46.00	270.00	88.40	90.50	90.50
DH039	6642.50	8187.00	143.75	-80.00	274.00	144.20	146.46	167.00
DH039B	6642.50	8187.00	143.80	-80.00	274.00	150.63	153.89	320.30
DH039B	6642.50	8187.00	143.80	-80.00	274.00	212.50	312.93	320.30
DH042	6725.00	7860.00	145.00	-80.00	270.30	539.50	555.80	697.80
DH042	6725.00	7860.00	145.00	-80.00	270.30	570.10	695.60	697.80
DH048	6577.00	8341.50	195.10	-60.00	274.00	73.80	88.38	101.50
GT001	6355.28	7940.68	111.75	-43.50	270.00	0.00	14.69	161.34
ND049	6490.70	8019.90	179.00	-45.00	270.00	28.35	37.81	136.00
ND049	6490.70	8019.90	179.00	-45.00	270.00	44.16	59.69	136.00
ND049	6490.70	8019.90	179.00	-45.00	270.00	61.83	98.00	136.00
ND049	6490.70	8019.90	179.00	-45.00	270.00	102.90	119.65	136.00
ND066	6463.32	7928.74	154.71	-43.00	267.92	13.53	67.90	127.00
ND066	6463.32	7928.74	154.71	-43.00	267.92	67.90	90.48	127.00
ND067	6412.17	7990.06	154.96	-51.00	89.30	0.00	0.91	151.50
ND067	6412.17	7990.06	154.96	-51.00	89.30	22.60	48.19	151.50
ND067	6412.17	7990.06	154.96	-51.00	89.30	53.36	75.64	151.50
ND067	6412.17	7990.06	154.96	-51.00	89.30	75.64	77.70	151.50
ND067	6412.17	7990.06	154.96	-51.00	89.30	122.30	128.30	151.50
ND068	6530.80	8089.56	146.52	-45.00	269.10	58.81	61.80	197.00
ND068	6530.80	8089.56	146.52	-45.00	269.10	61.80	84.30	197.00
ND068	6530.80	8089.56	146.52	-45.00	269.10	87.10	94.05	197.00
ND068	6530.80	8089.56	146.52	-45.00	269.10	94.05	98.09	197.00
ND068	6530.80	8089.56	146.52	-45.00	269.10	131.80	133.80	197.00
ND068	6530.80	8089.56	146.52	-45.00	269.10	145.80	148.60	197.00
ND069	6539.71	8141.51	146.47	-47.00	269.50	50.60	68.80	139.00
ND069	6539.71	8141.51	146.47	-47.00	269.50	77.57	78.03	139.00
ND069	6539.71	8141.51	146.47	-47.00	269.50	78.03	78.09	139.00
ND069	6539.71	8141.51	146.47	-47.00	269.50	78.09	93.80	139.00
ND070	6514.60	8239.37	153.19	-45.00	88.22	4.00	45.70	163.00
ND070	6514.60	8239.37	153.19	-45.00	88.22	46.34	52.31	163.00
ND070	6514.60	8239.37	153.19	-45.00	88.22	85.50	93.50	163.00
ND074	6510.74	8297.89	157.00	-45.00	87.91	0.00	13.80	148.50
ND074	6510.74	8297.89	157.00	-45.00	87.91	19.00	46.60	148.50

Table 17 Centre Pit Combined Drill-hole Intersects as at 31 Dec 2020

Hole ID	x	y	z	dip	azimuth	Depth from	Depth to	Max depth
ND078	6440.30	8141.70	139.20	-45.00	91.98	29.29	61.51	151.00
ND078	6440.30	8141.70	139.20	-45.00	91.98	61.55	61.57	151.00
ND078	6440.30	8141.70	139.20	-45.00	91.98	69.40	108.83	151.00
ND078	6440.30	8141.70	139.20	-45.00	91.98	115.80	138.70	151.00
ND078	6440.30	8141.70	139.20	-45.00	91.98	140.28	142.40	151.00
ND079	6477.70	8087.70	125.80	-37.00	270.35	0.00	12.30	91.60
ND079	6477.70	8087.70	125.80	-37.00	270.35	21.60	29.37	91.60
ND079	6477.70	8087.70	125.80	-37.00	270.35	40.10	51.30	91.60
ND079	6477.70	8087.70	125.80	-37.00	270.35	58.60	71.30	91.60
ND093	6618.40	8348.80	163.90	-38.00	270.00	99.96	106.92	200.00
ND095	6519.90	8440.40	168.80	-40.00	90.00	79.27	85.90	177.50
NP026	6444.00	8040.00	203.10	-90.00	0.00	54.00	75.00	75.00
NP027	6425.00	7990.00	210.20	-90.00	0.00	9.00	32.92	90.00
NP027	6425.00	7990.00	210.20	-90.00	0.00	36.01	57.00	90.00
NP028	6463.00	7993.00	185.40	-90.00	0.00	0.00	12.00	81.00
NP028	6463.00	7993.00	185.40	-90.00	0.00	21.00	81.00	81.00
NP030	6520.00	8189.00	159.70	-90.00	0.00	0.00	39.00	39.00
NP031	6424.00	7894.00	167.80	-90.00	0.00	0.00	36.00	36.00
NP032	6487.00	7990.00	166.20	-60.00	270.00	0.00	12.00	60.00
NP032	6487.00	7990.00	166.20	-60.00	270.00	30.00	51.94	60.00
NP032	6487.00	7990.00	166.20	-60.00	270.00	51.94	60.00	60.00
NP033	6451.00	7891.00	150.80	-90.00	0.00	0.00	27.00	27.00
SL001	6404.00	7989.90	215.40	-60.00	270.00	0.00	24.00	24.00
SL002	6400.00	7940.00	199.00	-60.00	270.00	4.00	15.00	70.00
SL003	6381.70	8029.70	183.10	-60.00	90.00	22.23	39.09	70.00
SL004	6353.40	7893.70	174.50	-60.00	270.00	9.00	43.00	43.00
SL005	6378.50	7888.10	172.90	-60.00	90.00	16.00	65.00	65.00
SL006	6450.20	7891.30	151.60	-60.00	270.00	0.00	1.98	30.00
SL006	6450.20	7891.30	151.60	-60.00	270.00	23.00	30.00	30.00
SL007	6466.20	7947.50	166.00	-40.00	270.00	23.00	34.00	34.00
SL009	6549.70	7939.80	110.00	0.00	270.00	50.00	75.00	163.00
SL009	6549.70	7939.80	110.00	0.00	270.00	75.00	92.91	163.00
SL009	6549.70	7939.80	110.00	0.00	270.00	101.50	103.53	163.00
SL009	6549.70	7939.80	110.00	0.00	270.00	115.05	133.28	163.00
SL009	6549.70	7939.80	110.00	0.00	270.00	142.47	151.89	163.00
SL010	6523.10	7890.80	107.10	0.00	270.00	29.00	43.78	124.00
SL010	6523.10	7890.80	107.10	0.00	270.00	43.78	44.00	124.00
SL010	6523.10	7890.80	107.10	0.00	270.00	44.00	59.00	124.00
SL010	6523.10	7890.80	107.10	0.00	270.00	89.00	95.00	124.00
SL010	6523.10	7890.80	107.10	0.00	270.00	95.00	119.00	124.00
SL010	6523.10	7890.80	107.10	0.00	270.00	119.00	124.00	124.00




Table 17 Centre Pit Combined Drill-hole Intersects as at 31 Dec 2020

Hole ID	x	y	z	dip	azimuth	Depth from	Depth to	Max depth
SL012	6508.90	8090.60	167.70	-20.00	270.00	18.00	39.00	71.00
SL012	6508.90	8090.60	167.70	-20.00	270.00	39.00	51.00	71.00
SL012	6508.90	8090.60	167.70	-20.00	270.00	51.58	51.68	71.00
SL012	6508.90	8090.60	167.70	-20.00	270.00	51.68	63.00	71.00
SL013	6505.80	7990.10	161.60	-60.00	270.00	0.00	5.00	78.00
SL013	6505.80	7990.10	161.60	-60.00	270.00	61.00	70.00	78.00
SLP07001	6438.15	7823.13	110.06	-72.00	73.00	0.00	1.27	18.00
SLP07002	6427.14	7816.89	111.25	-70.00	77.00	0.00	2.63	18.00
SLP07002	6427.14	7816.89	111.25	-70.00	77.00	2.63	3.59	18.00
SLP07002	6427.14	7816.89	111.25	-70.00	77.00	3.59	17.29	18.00
SLP07004	6402.69	7810.45	111.26	-73.00	94.00	0.00	18.00	18.00
SLP07005	6383.30	7807.47	111.84	-73.00	100.00	4.00	16.18	18.00