ANNUAL RESOURCE & RESERVE STATEMENT
DECEMBER 2019




27 April 2020
ASX: GRR

# GRANGE RESOURCES LIMITED

*Australia's most experienced magnetite producer*

## Update to Savage River Mineral Resources and Ore Reserves

December 2019 Resource - Reserve Statement
Savage River Operations, Tasmania

## HIGHLIGHTS

- **Total Ore Reserves have increased to 113.2MT @ 47.2%DTR**
- **The increase in Ore Reserves of 19.2MT is driven by the completion of the Centre Pit feasibility study less mining depletion from North Pit during 2019.**
- **The increase in Ore Reserves continue to maintain a mine life at Savage River of over 15 years with a projected mine life beyond 2035.**
- **Total Mineral Resources have decreased to 489.9MT @ 45.5%DTR, and have increased in confidence with 31% of Mineral Resources now meeting the Measured category up from 28% previously.**
- **The decrease of 55MT of Mineral Resource and increase in confidence from the previous statement is driven by the deep holes drilled in Phase Two of the 2019 North Pit underground drill program.**
- **Phase Three drilling is currently in progress and further refinement is expected at completion.**
- **The decrease in total Mineral Resources is considered minor given the quantum of the total Mineral Resources; annual mine production levels; and the ongoing nature of the drilling program.**
- **This release encompasses the estimation updated with the second phase of the 2018/19 resource drilling program and includes mining depletion since the 2019 report.**

The Mineral Resource consists of 489.9 million tonnes at 45.5% DTR (above a cut-off of 15% DTR) as detailed in table 1 and the Ore Reserve consists of 113.2million tonnes at 47.2% 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)** | 152.6 | 182.6 | 154.7 | 489.9 |
| **DTR (%)** | 55.8 | 43.5 | 37.6 | 45.5 |
| **Fe (%)** | 67.9 | 68.2 | 68.8 | 68.3 |
| **Ni (%)** | 0.04 | 0.05 | 0.04 | 0.04 |
| **$TiO_2$ (%)** | 0.82 | 0.67 | 0.64 | 0.70 |
| **MgO (%)** | 1.82 | 1.35 | 1.15 | 1.43 |
| **P (%)** | 0.007 | 0.008 | 0.008 | 0.008 |
| **V (%)** | 0.36 | 0.35 | 0.34 | 0.35 |
| **S (%)** | 0.08 | 0.11 | 0.09 | 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)** | 61.1 | 52.1 | 113.2 |
| **DTR (%)** | 53.4 | 39.9 | 47.2 |
| **Fe (%)** | 67.9 | 68.1 | 68.0 |
| **Ni (%)** | 0.03 | 0.05 | 0.04 |
| **$TiO_2$ (%)** | 0.94 | 0.60 | 0.78 |
| **MgO (%)** | 1.78 | 1.35 | 1.58 |
| **P (%)** | 0.007 | 0.009 | 0.008 |
| **V (%)** | 0.37 | 0.37 | 0.37 |
| **S (%)** | 0.05 | 0.11 | 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).

An independent technical review was performed by AMC Consultants Pty Ltd (AMC) with regard to the resource estimation process and the reserve estimation of Centre Pit. AMC considers that Mineral Resource and Ore Reserve estimates have been completed using acceptable practices.

# 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 2019 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 1).

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.

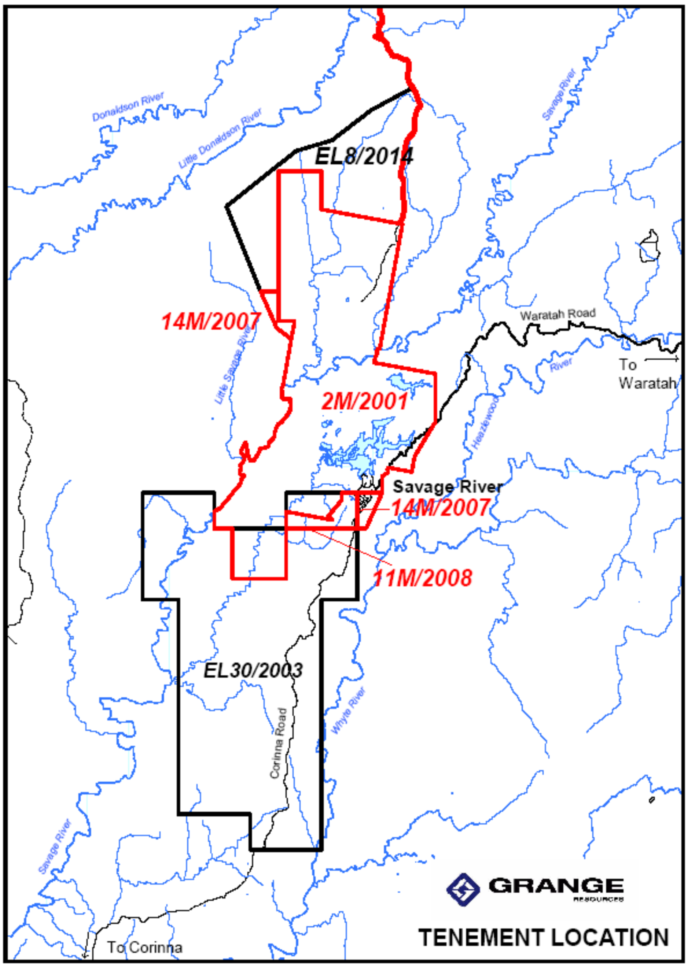


**Figure 2 Tenements as at Dec 2019**

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. Figure 1 shows the location of each lease.

Exploration licence EL30/2003 was granted in February 2010. The current 2yr tenure period expires on the 18 June 2021, is renewable via a successful extension of term application. Grange is currently on its sixth 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 first extension of term which expires on 29 July 2021.

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.

## 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.

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).

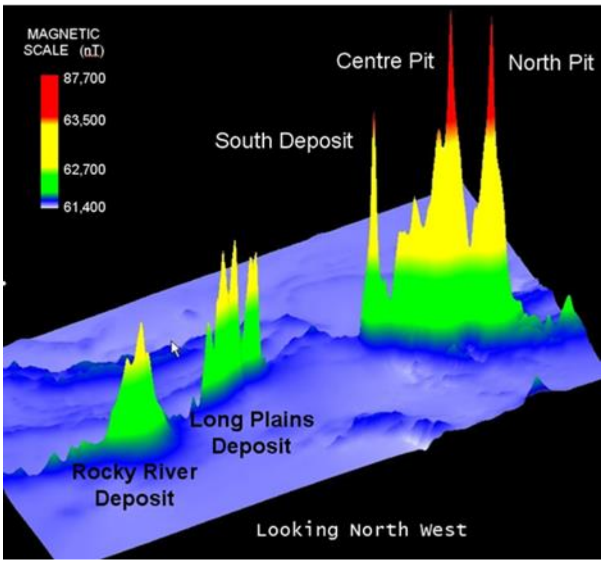


**Figure 3 Savage River Regional Magnetics**

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 obliquel y 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 reverse circulation (RC) and diamond drilling.

The resource definition during the last year ending December 31, 2019 focussed on the mining lease areas around North Pit and Centre Pit. The objectives of the program were to confirm continuity of the magnetite mineralisation at depth below North Pit and to improve confidence in the resource model for Centre Pit. This has included RC and diamond holes drilled both into the mineralisation and out into the surrounding host rocks. This statement incorporates the results of 4 holes drilled near Centre Pit for a total advance of 672 metres and 11 holes around North Pit for a total advance of 8,463 metres.

The second phase of surface drilling is complete for North Pit and the model was re-estimated in July 2019. In addition to that a further 19 holes (NPUG Phase 3) are planned for 9,900 metres of drilling to be undertaken from the exploration decline.

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. RC drilling has been used in recent years at Savage River to undertake infill drilling to improve confidence of domain boundaries and grade estimates.

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 (Fe2+) via Satmagan and S, total Fe, TiO2, 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.

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 as follows

- North Pit - 5mE by 10mN by 5mRL parent block with sub-celling to 2.5mE by 5mN by 2.5mRL
- Centre Pit - 5mE by 15mN by 5mRL parent block size with sub-celling to 2.5mE by 3.75mN by 2.5mRL
- Long Plains - 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. These parameters were used to assist in the classification of the resource.

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 detailed review of true width and grade. Areas with unlikely prospectivity were manually removed from the estimation, based on a true width greater than 20m with a cutoff grade of 15% DTR.

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).

The second stage of the NPUG drilling was completed in 2019. A complete re-wireframing and re-estimation of North Pit including the western lens (WL) and the internal waste lenses within the Main Ore Zone (MOZ) of North Pit was completed in 2019 using the second stage of drilling. These wireframe improvements / refinements afforded by the new data provide a much better geologically constrained model. As a result, the size of the North Pit Mineral Resource has decreased by 55MT, including stockpiles which represents a 19% decrease. Confidence and grade of Measured Resource has increased. The overall change in Mineral Resource is a decrease of 10%.

There has been no material change to the Centre Pit Mineral Resource since the last statement, but Ore Reserves have been updated and as discussed below.

There have been no changes over the last year to the Mineral Resources for the other deposits; Sprent South Deposit and Long Plains.

Oxidised hematite materialisation 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 2019. Mineral Resources are categorised in accordance with the guidelines established in the JORC Code (2012 Edition). Estimated Measured and Indicated Mineral Resources include those Mineral Resources include those Mineral Resources modified to produce the estimated Ore Reserves.

Some Mineral Resources such as, Sprent pit 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 model for Savage River includes Mineral Resources from North Pit, Centre Pit and South Deposit, and was developed as part of a Feasibility Study that was completed in September 2006. A feasibility study on Centre Pit has recently been completed in October of 2019.

Pit designs are based on optimised shells determined using 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 optimization 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.

Estimates of Ore Reserves at the Savage River Mine including Long Plains are as at the end of December 2019. Ore Reserves are categorised in accordance with the guidelines established in the JORC Code (2012 Edition). Estimated Measured and Indicated Mineral Resources include those Mineral Resources modified to produce the estimated Ore Reserves. 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.

Between Dec 2018 and Dec 2019 Ore Reserves at North pit reduced by 4.3Mt to 81.4Mt. Proven Reserves reduced by 16.4Mt and Probable Reserves increased by 12.1Mt. 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. This was taken due to lower geotechnical and economic confidence. This was based on recent geotechnical modelling work using new data and updates to economic evaluation including global assumptions which are conducted as part of Grange Resources' annual life of mine planning process. Total North Pit Ore Reserves less mining depletion remain in line with previous reports.

Between Dec 2018 and Dec 2019 Ore Reserves at Centre Pit increased by 21.5Mt to 29.3 Mt. The increase is a result of the successful feasibility study of cutting back Centre Pit. Centre Pit Proven Reserves have reduced by 0.5Mt and Probable Reserves increased by 22Mt.

The Centre Pit feasibility study was completed during 2019 and included:

- An update to the Centre Pit resource model that included new drilling completed in 2018 and 2019.
- New geotechnical wall stability assessment including limited equilibrium and 3D finite element analysis.
- New Whittle optimisations considering current long-term revenue and cost forecasts.
- New pit design and mining schedule along with assessment and integration with North Pit and Grange's Capital equipment profile.

The Tasmanian EPA has issued interim approval for the commencement of pre-stripping the first stage of Centre Pit with full approval anticipated by the end of the year. Grange believe there are reasonable prospects of obtaining full approval covering the stated reserves given that the proposal is the cut back of an existing open pit. Guidance has been provided by the EPA and an Environmental Impact Statement is being drafted to address the requirements. As full approval has not yet been obtained Measured and Indicated Resources within the second and third stage of Centre Pit have been designated as meeting the Probable Ore Reserve Category. Once final approvals are received an update to the Reserve confidence is expected.

## MINERAL RESOURCES ESTIMATES 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 2019**

| | Measured Resources | Indicated Resources | Inferred Resources | TOTAL Resources |
|---|---|---|---|---|
| **Tonnes (Mt)** | 106.5 | 81.7 | 48.8 | 237.0 |
| **DTR (%)** | 57.9 | 43.8 | 37.9 | 48.9 |
| **Fe (%)** | 67.7 | 67.9 | 68.1 | 67.9 |
| **Ni (%)** | 0.04 | 0.05 | 0.06 | 0.04 |
| **$TiO_2$ (%)** | 0.97 | 0.86 | 0.84 | 0.91 |
| **MgO (%)** | 2.05 | 1.59 | 1.49 | 1.78 |
| **P (%)** | 0.006 | 0.007 | 0.008 | 0.007 |
| **V (%)** | 0.35 | 0.34 | 0.32 | 0.34 |
| **S (%)** | 0.05 | 0.08 | 0.10 | 0.07 |

**Table 4 - South Deposit Mineral Resource December 2019**

| | Measured Resources | Indicated Resources | Inferred Resources | TOTAL Resources |
|---|---|---|---|---|
| **Tonnes (Mt)** | 2.6 | 6.6 | 9.0 | 18.2 |
| **DTR (%)** | 38.3 | 42.3 | 41.7 | 41.4 |
| **Fe (%)** | 67.1 | 67.6 | 67.5 | 67.5 |
| **Ni (%)** | 0.07 | 0.06 | 0.06 | 0.06 |
| **$TiO_2$ (%)** | 0.58 | 0.70 | 0.66 | 0.66 |
| **MgO (%)** | 1.99 | 1.79 | 1.74 | 1.79 |
| **P (%)** | 0.010 | 0.007 | 0.008 | 0.008 |
| **V (%)** | 0.26 | 0.26 | 0.26 | 0.26 |
| **S (%)** | 0.13 | 0.13 | 0.15 | 0.14 |

**Table 5 Centre Pit Mineral Resource Estimate December 2019**

| | Measured Resources | Indicated Resources | Inferred Resources | TOTAL Resources |
|---|---|---|---|---|
| **Tonnes (Mt)** | 41.2 | 66.8 | 14.4 | 122.4 |
| **DTR (%)** | 51.8 | 46.7 | 44.9 | 48.2 |
| **Fe (%)** | 68.3 | 68.3 | 68.3 | 68.3 |
| **Ni (%)** | 0.05 | 0.05 | 0.04 | 0.05 |
| **$TiO_2$ (%)** | 0.43 | 0.45 | 0.43 | 0.44 |
| **MgO (%)** | 1.21 | 1.21 | 1.03 | 1.19 |
| **P (%)** | 0.009 | 0.010 | 0.010 | 0.010 |
| **V (%)** | 0.39 | 0.37 | 0.33 | 0.37 |
| **S (%)** | 0.16 | 0.15 | 0.17 | 0.16 |

**Table 6 – Sprent Mineral Resource December 2019**

| | 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 Plains Mineral Resource Estimate December 2019**

| | 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 Stockpiles Mineral Resource Estimate 2019**

| Stockpiles-Measured | Tonnes (Mt) | Grade (%DTR) |
|---|---|---|
| **Crushed Ore** | 0.11 | 55.0 |
| **In-pit Broken stocks** | 2.23 | 50.3 |
| **Total** | 2.33 | 50.5 |

Table 9 Total Mineral Resource Estimate Savage River December 2019

| | Measured Resources | Indicated Resources | Inferred Resources | TOTAL Resources |
|---|---|---|---|---|
| **Tonnes (Mt)** | 152.6 | 182.6 | 154.7 | 489.9 |
| **DTR (%)** | 55.8 | 43.5 | 37.6 | 45.5 |
| **Fe (%)** | 67.9 | 68.2 | 68.8 | 68.3 |
| **Ni (%)** | 0.04 | 0.05 | 0.04 | 0.04 |
| **$TiO_2$ (%)** | 0.82 | 0.67 | 0.64 | 0.70 |
| **MgO (%)** | 1.82 | 1.35 | 1.15 | 1.43 |
| **P (%)** | 0.007 | 0.008 | 0.008 | 0.008 |
| **V (%)** | 0.36 | 0.35 | 0.34 | 0.35 |
| **S (%)** | 0.08 | 0.11 | 0.09 | 0.09 |

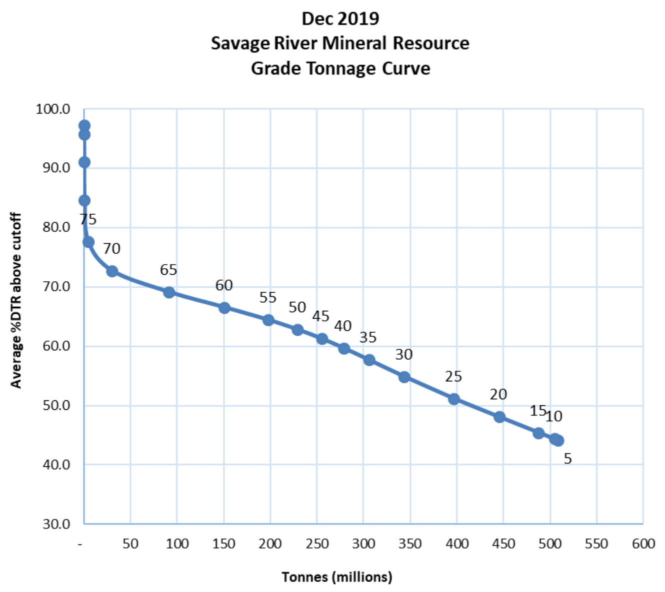


Figure 4 Grade Tonnage Curve, Savage River

## ORE RESERVES BY DEPOSIT

The following tables represent the Ore Reserve 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 2019**

| | Proved Reserves | Probable Reserves | TOTAL Reserves |
|---|---|---|---|
| **Tonnes (Mt)** | 54.6 | 26.8 | 81.4 |
| **DTR (%)** | 54.2 | 38.4 | 49.0 |
| **Fe (%)** | 67.9 | 67.7 | 67.8 |
| **Ni (%)** | 0.03 | 0.05 | 0.04 |
| **$TiO_2$ (%)** | 0.97 | 0.77 | 0.90 |
| **MgO (%)** | 1.83 | 1.57 | 1.74 |
| **P (%)** | 0.007 | 0.008 | 0.007 |
| **V (%)** | 0.36 | 0.33 | 0.36 |
| **S (%)** | 0.04 | 0.09 | 0.06 |

**Table 11 – South Deposit Ore Reserve Estimate - December 2019**

| | Proved Reserves | Probable Reserves | TOTAL Reserves |
|---|---|---|---|
| **Tonnes (Mt)** | 0.03 | 0.13 | 0.16 |
| **DTR (%)** | 37.7 | 39.7 | 39.4 |
| **Fe (%)** | 66.7 | 65.4 | 65.6 |
| **Ni (%)** | 0.05 | 0.06 | 0.06 |
| **$TiO_2$ (%)** | 0.61 | 0.82 | 0.79 |
| **MgO (%)** | 1.46 | 1.37 | 1.39 |
| **P (%)** | 0.005 | 0.006 | 0.006 |
| **V (%)** | 0.31 | 0.33 | 0.32 |
| **S (%)** | 0.12 | 0.18 | 0.17 |

Table 12 – Centre Pit Ore Reserve Estimate - December 2019

| | Proved Reserves | Probable Reserves | TOTAL Reserves |
|---|---|---|---|
| **Tonnes (Mt)** | 4.1 | 25.2 | 29.3 |
| **DTR (%)** | 44.8 | 41.5 | 42.0 |
| **Fe (%)** | 68.7 | 68.6 | 68.6 |
| **Ni (%)** | 0.04 | 0.05 | 0.05 |
| **$TiO_2$ (%)** | 0.49 | 0.42 | 0.43 |
| **MgO (%)** | 1.16 | 1.12 | 1.13 |
| **P (%)** | 0.006 | 0.010 | 0.009 |
| **V (%)** | 0.44 | 0.41 | 0.42 |
| **S (%)** | 0.12 | 0.14 | 0.13 |

Table 13 – Stockpiles Ore Reserve Estimate - December 2019

| Stockpiles-Measured | Tonnes (Mt) | Grade (%DTR) |
|---|---|---|
| **Crushed Ore** | 0.11 | 55.0 |
| **In-pit Broken stocks** | 2.23 | 50.3 |
| **Total** | 2.33 | 50.5 |

Table 14 – Total Savage River Ore Reserve Estimate - December 2019

| | Proved Reserves | Probable Reserves | TOTAL Reserves |
|---|---|---|---|
| **Tonnes (Mt)** | 61.1 | 52.1 | 113.2 |
| **DTR (%)** | 53.4 | 39.9 | 47.2 |
| **Fe (%)** | 67.9 | 68.1 | 68.0 |
| **Ni (%)** | 0.03 | 0.05 | 0.04 |
| **$TiO_2$ (%)** | 0.94 | 0.60 | 0.78 |
| **MgO (%)** | 1.78 | 1.35 | 1.58 |
| **P (%)** | 0.007 | 0.009 | 0.008 |
| **V (%)** | 0.37 | 0.37 | 0.37 |
| **S (%)** | 0.05 | 0.11 | 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.

Granges senior staff designated with responsibility for internal review of the JORC Mineral Resources and Ore Reserves are:

- Roger Hill – Senior Geology Manager,
- Matthew Anderson - Savage River Mine Manager
- Nicholas van der Hout – Long term Planning Coordinator
- Ben Maynard – General Manager Operations

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 General Manager Operations, 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 50 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.

Contacts

Investors:
Honglin Zhao, CEO
Grange Resources Limited
Phone: + 61 3 6430 0222
Email: Info@grangeresources.com.au
**Website**:  www.grangeresources.com.au

-ENDS-




# 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 | Section 1 Sampling Techniques and Data | Commentary |
|---|---|---|
| **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. | • The deposits were sampled using diamond drilling (DD) with limited Reverse Circulation (RC) pre-collaring. Drilling was conducted on approximately 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°.<br>• All recent samples are assayed for DTR, $Fe^{2+}$, Total Fe, Ni, $TiO_2$, MgO, P, V, S, CaO, $SiO_2$ and $Al_2O_3$. |
| | • Include reference to measures taken to ensure sample representivity and the appropriate calibration of any measurement tools or systems used. | • The drill hole locations were picked up and down-hole surveys completed.<br>• Diamond core was used to obtain the best possible sample quality for lithology, structural, grade and density information. |
| | • 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. | • Drilling of Diamond core was a combination of HQ and NQ sizes, some triple tube. All resource drilling has been drilled with triple tube equipment since 2005.<br>• Samples were controlled based on geological contacts and generally no more than 2m in length. Sample selection was nominally >=0.75m and <=1.25m.<br>• All core samples were half cored. Core was split by diamond sawing.<br>• Samples were dried, crushed, split and pulverised to nominally 98% passing 75µm for Davis Tube Recovery (DTR) determination. |

| Criteria | Section 1 Sampling Techniques and Data | Commentary |
|---|---|---|
| **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. (recent programs).<br>- 80% of holes informing the resource were diamond holes and 13% were RC holes. 5% of the total were percussion holes (isolated to CP resource) and 2 % other hole types.<br>- RC drill holes employ a 140mm face sampling hammer. Samples from vertical percussion drilling have been used in the past as part of the resource datasets, especially in the late '80's.<br>- • 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 2592m drilling in 2012-3)<br>- Sonic precollars were used in the recent 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 1862m drilled in 2018) |
| **Drill sample recovery** | - •Method of recording and assessing core and chip sample recoveries and results assessed. | - Core recoveries were recorded in the geotechnical logs and in the sample records.<br>- Core recoveries are generally high in the ore zones at Savage River (>90%) and there are no significant core recovery issues.<br>- RC chip recoveries are near total in dry holes and reduce significantly in wet holes. RC is discontinued in wet holes. |
| | - Measures taken to maximise sample recovery and ensure representative nature of the samples. | - Drilling penetration rates were controlled in order to maximise recovery in ore zones. |
| | - 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. | - 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. |

| Criteria | Section 1 Sampling Techniques and Data | Commentary |
|---|---|---|
| | | • Geotechnical logging including domain and structural defects logging including orientations were undertaken.<br>• 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. | • Logging is a combination of qualitative and quantitative.<br>• Core was photographed wet and dry. No photos available for the oldest core. |
| | • The total length and percentage of the relevant intersections logged. | • 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.<br>• Core was cut using a diamond impregnated saw blade on site at the Savage River core farm.<br>• 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. |
| | • 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.<br>• Sample interval was 1m in recent programs and 2m in programs prior to 2000.<br>• 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.<br>• Sample prep on drill core drilled prior to 2011 was completed on site.<br>• Between 2011-2013 sample prep was completed at a commercial lab [NATA accredited].<br>• In 2013 the Savage River lab upgraded the crushers and ovens and since then all core has been processed at the Savage River lab. |

| Criteria | Section 1 Sampling Techniques and Data | Commentary |
|---|---|---|
| | | • The half core samples were oven dried at 110 degrees for 12 hours, then coarse crushed to minus 2mm on a Boyds 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. |
| | • 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.<br>• 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.<br>• 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.<br>• No duplicates or blanks have been taken except 27 field duplicates taken in the 2006 MLEP program. In this program the correlation was 1.000 for the duplicates. |
| | • 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). |
| **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 CaO, $SiO_2$ and $Al_2O_3$ and Ni via XRF on the Davis Tube Concentrate (DTC).<br>• All techniques are considered total. DTR is the most appropriate assay technique for determination of magnetite recovery. |

| Criteria | Section 1 Sampling Techniques and Data | Commentary |
|---|---|---|
| | | • 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.<br>• 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.<br>• 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.<br>• Data analysis of standards has been performed and the data demonstrates sufficient accuracy and precision for use in Mineral Resource estimation.<br>• Three Standards were derived from 2006 MLEP drilling campaign in North Pit 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.<br>• Results to date show good agreement with expected value which implies that the lab is producing accurate and repeatable analyses.<br>• Results from the 2006 Mine Lease Extension Project (MLEP that campaign showed a correlation coefficient of 1.00 for 27 pairs of data.<br>• Since 2006, no field duplicates or blanks are inserted. No external laboratory checks have been performed and no check assaying has been undertaken since, but a new QAQC duplicates program has been initiated as part of the current drilling programs . |
| **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.<br>• The cut sheet defining sample lengths for cutting and sampling is selected based on the MagSus values |

| Criteria | Section 1 Sampling Techniques and Data | Commentary |
|---|---|---|
|  | • The use of twinned holes. | • No twinned holes have been drilled. |
|  | • 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.<br>• 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.<br>• The data is verified by the geologist and then loaded into the central (project-wide) database.<br>• Recently ( July 2019), logged data capture is directly in DataShed-LogChief software with validation controls. |
|  | • Discuss any adjustment to assay data. | • In the drilling campaigns in 2019 a small proportion of the parent sample were excluded for destructive geotechnical testing prior to assay. These represent <1% of the all of the composite assays and will have no material effect on the estimate. |
| **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.<br>• In each case, the collars were located to within 100mm in X, Y and Z.<br>• For downhole surveys, older drilling used single-shot Eastman dips at 50m spacing downhole (accurate to 0.5°).<br>• North seeking gyro was used prior to the use of the DeviFlex downhole survey tool.<br>• 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;<br>10°18’ 23” (N) SRG= 0° (N) GDA94 |

| Criteria | Section 1 Sampling Techniques and Data | Commentary |
|---|---|---|
| | • 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. |
| **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).<br>• 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.<br>• 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. | • 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. |
| | • Whether sample compositing has been applied. | • 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** | • • 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. |

| Criteria | Section 1 Sampling Techniques and Data | Commentary |
|---|---|---|
| **to geological structure** | • 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).<br>• Following the recent major drill campaign the resource was reviewed by AMC (March 2019 and Aug 2019).<br>• 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.<br>• 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:<br>○ There is opportunity to improve QA/QC by including external umpire check assays as a means of further validation.<br>○ It was recommended to continue submitting standards and add duplicate and blank samples at a rate of 5% particularly when drilling new areas.<br>These recommendations are being addressed with a procedural update and an upgrade to the geological database |

## SECTION 2: REPORTING OF EXPLORATION RESULTS

| Criteria | Reporting Of Exploration Results | 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. | • 3 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). |
| | • 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. | • 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.<br>• Land tenure on ML 2M /2001 includes; State forest, Forest Reserve, Informal reserve, Crown Land, Private parcel, Conservation area, Regional Reserve and national Estate.<br>• Mining lease 14M/2007 was granted 14/5/2008 comprising 91 hectares as an easement (including a sewerage easement) on the Savage River townsite.<br>• This lease expires 7 Nov 2031 and no bond is held by the State of Tasmania.<br>• Land tenure on ML 14M/2007 includes: Forest Reserve, Regional Reserve, Private land, Proposed public reserve-CLAC, Crown land Authority Land and Crown Land<br>• Mining lease 11M/2008 was renewed on 18 December 2017 and expires 7/10/2031 and comprises two lots totalling 108 hectares with the north west 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.<br>• Exploration Licence EL8/2014 was granted for an 11sq km lease north of 2M-2001 during 2017. Currently under application for an extension of term. A small mining lease ML4M-2019 is currently also under application (August 2019) . The purpose of the ML 4M-2019 is merely to accommodate ponding of water upstream in the drainages if it occurs as a result of approved mining activity on the neighbouring ML 2M-2001. |

| Criteria | Reporting Of Exploration Results | Commentary |
|---|---|---|
| | | • Exploration License EL30/2003 was granted in February 2010 and an extension of term has been granted on 5th July 2019 and expires on 18 June 2021. 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.<br>• 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 northwestern 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.<br>• 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, much narrower (mostly <20m wide) lenses and layers in the mafic sequence to the west.<br>• Magnetite ore ranges from disseminated to massive, with much of the main Ore Zone comprising massive to semi-massive magnetite from 1994 report by Thornet. |
| **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: | • The Savage River deposit has been mined for over 50 years and a comprehensive database 948 drill holes for over 140,000m of drilling has been accumulated which informs the resource models.<br>• Drill hole information has been included in Appendix C |

| Criteria | Reporting Of Exploration Results | Commentary |
|---|---|---|
| | - easting and northing of the drill hole collar<br>- elevation or RL (Reduced Level – elevation above sea level in metres) of the drill hole collar<br>- dip and azimuth of the hole<br>- down hole length and interception depth<br>- hole length.<br>- 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. | |
| **Data aggregation methods** | - In reporting Exploration Results, weighting averaging techniques, maximum and/or minimum grade truncations (eg cutting of high grades) and cut-off grades are usually Material and should be 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. |
| | - 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. | - There was no cutting of high grades based on statistical analysis.<br>- Sample data was generally composited to 1 metre down hole length using a best fit-compositing method. |
| | - The assumptions used for any reporting of metal equivalent values should be clearly stated. | - Short intervals were sampled, where discrete lithologies were present. The compositing routine aggregates these to 1m composites. |

| Criteria | Reporting Of Exploration Results | Commentary |
|---|---|---|
| **Relationship between mineralization widths and intercept lengths** | • These relationships are particularly important in the reporting of Exploration Results.<br>• If the geometry of the mineralization with respect to the drill hole angle is known, its nature should be reported.<br>• If it is not known and only the down hole lengths are reported, there should be a clear statement to this effect (eg 'down hole length, true width not known'). | • 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 in Appendix C. |
| **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. Note that in the most recent NP estimate, the percussion holes were removed.<br>• 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 results; bulk density, groundwater, geotechnical and rock | • The Savage River Mine has been in operation for over 50 years with substantial data collected including geophysical surveys, geological mapping of exposures and metallurgical test work.<br>• Waste management plans are based upon acid base accounting analyses of selected representative data from each deposit at Savage River. |

| Criteria | Reporting Of Exploration Results | Commentary |
|---|---|---|
| | characteristics; potential deleterious or contaminating substances. | |
| **Further work** | • The nature and scale of planned further work (eg tests for lateral extensions or depth extensions or large-scale step-out drilling). | • Current (2018-19) drilling campaigns have focused on:<br>○ a) in-pit resource and geotechnical drilling to firm up life of mine plans for the open cut method and<br>○ b) Drilling depth extensions beneath the planned open cut pit to provide a resource estimate upon which to base a pre-feasibility study for underground mining.<br>○ c) NP-UG drilling from the exploration decline is focussed on In-fill drilling for geotechnical and resource purposes. |
| | • Diagrams clearly highlighting the areas of possible extensions, including the main geological interpretations and future drilling areas, provided this information is not commercially sensitive. | • Current drilling is in-fill drilling within the underground mine target area. The purpose of the drilling is to increase geotechnical orebody knowledge and it is not extensional drilling. |

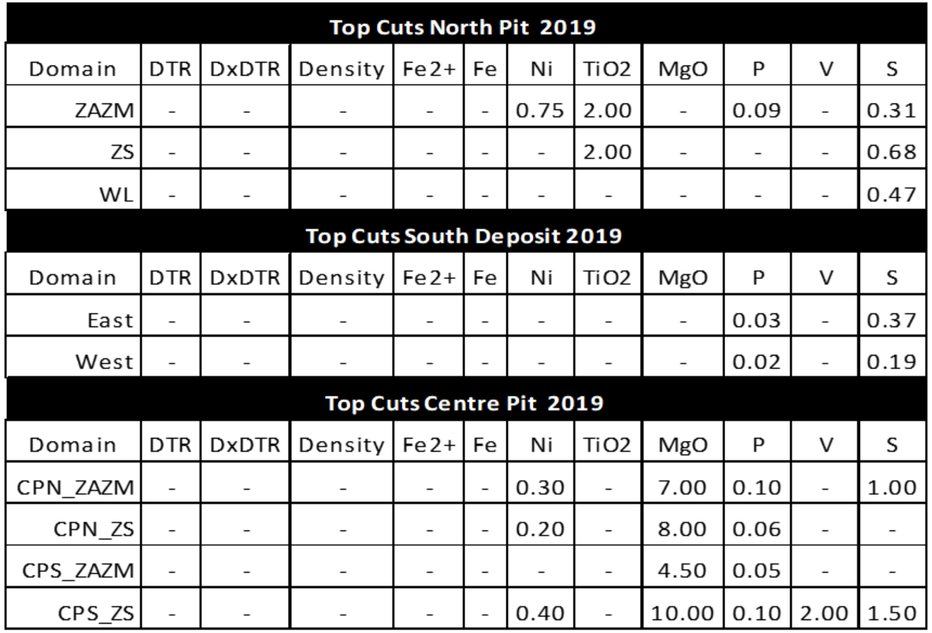
## SECTION 3 ESTIMATION & REPORTING OF MINERAL RESOURCES

| Criteria | Estimation and Reporting of Mineral Resources | 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. | • Transcription errors are limited by having assay data directly merged into the database with key fields on sample ID. |
| | • Data validation procedures used. | • Visual validation in 3D is utilized having sections plotted with block grades, the drill-hole assays and geology intervals displayed.<br>• Validation of the database occurs at distinct stages.<br>• Data entry – data is mostly entered into Excel spreadsheets, controlled by lookup lists and ranges of acceptable values.<br>• Before upload to the database – data is cross-checked in Excel.<br>• Before extracting composites – a set of queries are run, checking for data continuity, abnormal values and overlapping ranges.<br>• 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. |
| **Site visits** | • Comment on any site visits undertaken by the Competent Person and the outcome of those visits.<br>• If no site visits have been undertaken indicate why this is the case. | • Competent Person is a Grange employee, works on site 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 Competent Person to inform the resource and reserve estimates.<br>• Competent person visits site frequently and has a very close and current understanding of the orebodies. |
| **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 interp using both grade control and wide spaced diamond drilling data. This has improved the confidence of the model especially close to current mining benches. The work was all done in Geovia Surpac. |

| Criteria | Estimation and Reporting of Mineral Resources | Commentary |
|---|---|---|
| | | • 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.<br>• The wireframing exercise in July 2019 added 128 separate new waste wireframes and 50 new separate internal low grade wireframes within the North Pit Main Ore Zone (MOZ) wireframe. This had the effect of improving the match between the block model grade versus the top-cut declustered composite mean grade by domain.<br>• The global resource reconciliation had a very good match with concentrate produced in 2019. So for each of the MOZ, internal LG and internal waste domains;<br>○ the data is from a single normally distributed statistical population;<br>○ the mean and variance are consistent throughout the domain;<br>○ the domain is geologically homogeneous;<br>○ the domain has a single orientation of grade continuity. |
| | • 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 | • The Savage River ore-bodies occur discontinuously over a strike length of 6km with thickness ranging from 40-150m. |

<table>
<tr><th>Criteria</th><th>Estimation and Reporting of Mineral Resources</th><th>Commentary</th></tr>
<tr><td></td><td>width, and depth below surface to the upper and lower limits of the Mineral Resource.</td><td>• All lenses remain open at depth.<br>• A summary of the defined extents of individual deposits follows:<br>
<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<br>• Since 2014, estimations have been undertaken by Optiro Mining consultants in consultation with Grange staff.<br>• Mineralized domains were established from high grade and low grade intersects as interpreted in the geological model.<br>• 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.<br>• 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.<br>• 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.<br>• Sample data was generally composited to 1 metre down hole length using a best fit-compositing method.<br>• 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<br>• Optiro have recommended top cuts as tabled below to reduce the impact of significant outliers and positively skewed populations.</td></tr>
</table>

| Criteria | Estimation and Reporting of Mineral Resources | Commentary |
|---|---|---|



| Top Cuts North Pit 2019 | | | | | | | | | | | |
|---|---|---|---|---|---|---|---|---|---|---|---|
| Domain | DTR | DxDTR | Density | Fe2+ | Fe | Ni | TiO2 | MgO | P | V | S |
| ZAZM | - | - | - | - | - | 0.75 | 2.00 | - | 0.09 | - | 0.31 |
| ZS | - | - | - | - | - | - | 2.00 | - | - | - | 0.68 |
| WL | - | - | - | - | - | - | - | - | - | - | 0.47 |

| Top Cuts South Deposit 2019 | | | | | | | | | | | |
|---|---|---|---|---|---|---|---|---|---|---|---|
| Domain | DTR | DxDTR | Density | Fe2+ | Fe | Ni | TiO2 | MgO | P | V | S |
| East | - | - | - | - | - | - | - | - | 0.03 | - | 0.37 |
| West | - | - | - | - | - | - | - | - | 0.02 | - | 0.19 |

| Top Cuts Centre Pit 2019 | | | | | | | | | | | |
|---|---|---|---|---|---|---|---|---|---|---|---|
| Domain | DTR | DxDTR | Density | Fe2+ | Fe | Ni | TiO2 | MgO | P | V | S |
| CPN_ZAZM | - | - | - | - | - | 0.30 | - | 7.00 | 0.10 | - | 1.00 |
| CPN_ZS | - | - | - | - | - | 0.20 | - | 8.00 | 0.06 | - | - |
| CPS_ZAZM | - | - | - | - | - | - | - | 4.50 | 0.05 | - | - |
| CPS_ZS | - | - | - | - | - | 0.40 | - | 10.00 | 0.10 | 2.00 | 1.50 |

- No top cuts have been applied to the Centre Pit South or Sprent models.
- DTR is calculated from the attribute estimate (DxDTR) , where DTR=(DxDTR/D) . Check estimates using an ordinary kriging of DTR_ok are also estimated,
- Density values and the calculated attribute Density x DTR are both subjected to variography and estimation, with DTR back calculated in the model. DTR_ok has been estimated as a comparison to DxDTR.
- Specialist Resource Estimation consultants (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.
- Block models were constructed for North Pit using a 5mE by 10mN by 5mRL parent block size with sub-

| Criteria | Estimation and Reporting of Mineral Resources | Commentary |
|---|---|---|
| | | celling to 2.5mE by 5mN by 2.5mRL. Centre Pit using a 5mE by 15mN by 5mRL parent block size with sub-celling to 2.5mE by 3.75mN by 2.5mRL.<br>• Variography studies for each deposit have been completed by Optiro Mining Consultants using "Supervisor" software with recommendations for estimation parameters appropriate for each deposit and the modelling technique employed as tabulated below. |

**North Pit 2019**

| Ellipsoid Orientation | | | Anisotropy Ratios | | Search Distance (m) | | |
|---|---|---|---|---|---|---|---|
| Major Axis | Semi-Major Axis | Minor Axis | Major/Semi Major | Major/Minor | Pass 1 | Pass 2 | Pass 3 |
| 0->0 | -90->0 | 0->90 | 1 | 5 | 150 | 300 | 600 |

**North Pit 2019**

| Pass | Number of Samples | | Maximum Number of samples per hole |
|---|---|---|---|
| | Minimum | Maximum | |
| 1 | 16 | 32 | 4 |
| 2 | 8 | 32 | 4 |
| 3 | 2 | 32 | 999 |

**Centre Pit 2019**

| Ellipsoid Orientation | | | Anisotropy Ratios | | Search Distance (m) | | |
|---|---|---|---|---|---|---|---|
| Major Axis | Semi-Major Axis | Minor Axis | Major/Semi Major | Major/Minor | Pass 1 | Pass 2 | Pass 3 |
| 0->0 | -90->0 | 0->90 | 1 | 5 | 50 | 100 | 600 |

**Centre Pit 2019**

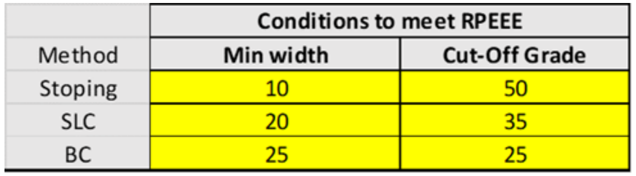
| Pass | Number of Samples | | Maximum Number of samples per hole |
|---|---|---|---|
| | Minimum | Maximum | |
| 1 | 16 | 32 | 8 |
| 2 | 8 | 32 | 8 |
| 3 | 2 | 32 | 999 |

| Criteria | Estimation and Reporting of Mineral Resources | Commentary |
|---|---|---|

| South Deposit | | | | | | | | | |
|---|---|---|---|---|---|---|---|---|---|
| Element | Pass | Bearing (Z) | Plunge (X) | Dip (Y) | Major Axis (m) | Major/ Semi-major Ratio | Major/ Minor Ratio | Min Samp | Max Samp |
| **East Lens Mineralised Domains (ZAZM and ZS)** | | | | | | | | | |
| Density and d_x_dtr | 1 | 0 | 10 | -80 | 50 | 1.2 | 6 | 2 | 32 |
| | 2 | 0 | 10 | -80 | 90 | 1.2 | 6 | 2 | 32 |
| | 3 | 0 | 10 | -80 | 180 | 1.2 | 6 | 2 | 32 |
| **West Lens Mineralised Domains (ZAZM and ZS)** | | | | | | | | | |
| Density and d_x_dtr | 1 | 25 | 0 | -90 | 100 | 2 | 10 | 2 | 32 |
| | 2 | 25 | 0 | -90 | 150 | 2 | 10 | 2 | 32 |
| | 3 | 25 | 0 | -90 | 300 | 2 | 10 | 2 | 32 |

| Criteria | Estimation and Reporting of Mineral Resources | Commentary |
|---|---|---|
| | • 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 is calculated from the estimated attribute of dxdtr; then DTR is calculated as = (dxDTR/d). This estimate is checked by an ordinary kriged attribute of DTR_ok. These correlate very closely with an overall difference of 1.7% at a 15% DTR cut-off grade. |
| | • The assumptions made regarding recovery of by-products. | • No byproduct recoveries have been considered. |
| | • Estimation of deleterious elements or other non-grade variables of economic significance (eg sulphur for acid mine drainage characterization). | • Concentrate grades and deleterious elements (impurities) have all had variography completed where samples were available and were estimated using the appropriate method with the resource run. |

| Criteria | Estimation and Reporting of Mineral Resources | Commentary |
|---|---|---|
| | • 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 strong correlation between DTR and density which is described below in the Bulk Density section. Pearson correlation coefficient of 97% for all DTRvs density values in the database. |
| | • 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 were used where outliers were identified by exploration data analysis. Outliers were identified for:<br>• Ni, $TiO_2$ and P in North Pit<br>• P in South Deposit<br>• 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.<br>• Swath plots generated show the drill hole and modelled grades compared well across the deposits particularly where there were a large number of drillholes.<br>• 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 interp using both GC and wide spaced diamond drilling data. This has improved the confidence of the model especially close to current mining benches. |
| **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 |
| **Cut-off** | • 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 2019. |

<table>
<tr><th>Criteria</th><th>Estimation and Reporting of Mineral Resources</th><th>Commentary</th></tr>
<tr><td><b>parameters</b></td><td></td><td><ul><li>The basis for RPEEE for the mineralisation accessible from underground a minimum average panel grade of 35% has applied using an appraisal of break-even revenue per panel for sub-level mining.</li><li>The mining method has not been decided, but the SLC and block caving methods are under consideration.</li></ul></td></tr>
<tr><td><b>Mining factors or assumptions</b></td><td><ul><li>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.</li></ul></td><td><ul><li>Above the ultimate pit shape, an optimised pit has been designed, based on an iron ore price, mining costs.</li><li>Below the ultimate open cut profile , a combination of minimum mining width and average panel 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.</li></ul>

<table>
<tr><th></th><th colspan="2">Conditions to meet RPEEE</th></tr>
<tr><td>Method</td><td><b>Min width</b></td><td><b>Cut-Off Grade</b></td></tr>
<tr><td>Stoping</td><td>10</td><td>50</td></tr>
<tr><td>SLC</td><td>20</td><td>35</td></tr>
<tr><td>BC</td><td>25</td><td>25</td></tr>
</table></td></tr>
<tr><td><b>Metallurgical factors or assumptions</b></td><td><ul><li>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.</li></ul></td><td><ul><li>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.</li><li>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.</li></ul></td></tr>
<tr><td><b>Environmental factors or</b></td><td><ul><li>Assumptions made regarding possible waste and process residue disposal options. It is always necessary as part of the process of determining reasonable</li></ul></td><td><ul><li>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.</li></ul></td></tr>
</table>

| Criteria | Estimation and Reporting of Mineral Resources | Commentary |
|---|---|---|
| **assumptions** | 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. | • 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.<br>• 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<br>• 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:<br>$\mathrm{SG} = \left(\frac{\mathrm{DTR}}{510} + \frac{100 - \mathrm{DTR}}{281}\right)^{-1}$<br>• 36% of all bulk density values are measured, 56% are calculated and 7% have null values for density.<br>• The First Principles equation relates density to DTR and provides a reasonable fit to the measured data.<br>• North Pit models removed percussion holes (nearly half of informing data for 2011 and prior resource. Centre Pit has retained a small proportion of percussion holes in the resource estimate.<br>• 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.<br>• 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. |

| Criteria | Estimation and Reporting of Mineral Resources | Commentary |
|---|---|---|
| **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).<br>• The estimation process and parameters are considered to be still 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.<br>• AMC conducted a new resource Audit in March 2019-with further review in August 2019. AMC's review found that:<br>• The Mineral Resource for Centre and North Pit Deposits were appropriately classified as Measured, Indicated, and inferred resources in accordance with JORC Code<br>• 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.<br>• AMC cited the following areas for improvement in future;<br>• The block grade estimation has used the product of density and the DTR (DxDTR) to generate semi-variograms. AMC suggests DTR and Bulk density are modelled separately<br>• A new resource model was estimated in August 2019 where DTR was calculated using both methods. As the resulting difference is very slight, Grange has decided to retain the DTR=(DxDTR/D) calculation. AMC maintain the view that DTR should be estimated directly<br>• Initially large searches of 9,999m were used for the third pass in the estimation for each pit. Which in the lastest model has been reduced to 600m in both CP and NP.<br>• AMC recommended that a maximum of three samples per drillhole as 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.<br>• A polygonal grade estimate was performed to validate the outputs from the modelling. shows 7% less tonnes and similar DTR to the kriged estimates. |

| Criteria | Estimation and Reporting of Mineral Resources | Commentary |
|---|---|---|
| | | • 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. |
| **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.<br>• 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.<br>• 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.<br>• 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. | • Global reconciliations and bench reconciliations are used to feedback into the resource model.<br>• Regular reconciliations show a good performance of model vs actual. The current resource model was found to be a better predictor of modelled concentrate due to changes in wireframes in current model.<br>• Bench reconciliations show good agreement and generally a positive reconciliation between resource and produced ore (metal),<br>• Reconciliations are calculated from material survey movement against changes in stockpiles and actual magnetite concentrate production. Global reconciliation current model shows an under-prediction of the actual concentrate production by approximately 1.5% project to date, although this varies on a year to year basis. The Resource model under predicts by an avg of 10% for the last 3 years (2017-2019) and 2.9% over the past year (2019).<br>• 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. | • 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 2019 and as publicly reported on in this release. |
| | • Clear statement as to whether the Mineral Resources are reported additional to, or inclusive of, the Ore Reserves. | • 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.<br>• 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.<br>• Competent person is an employee of the company. |
| **Study status** | • The type and level of study undertaken to enable Mineral Resources to be converted to Ore Reserves.<br>• 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 and South Deposit 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<br>• 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.<br>• The information used for estimation and reporting of this Ore Reserve is based upon those Feasibility Studies and with current production reconciled modifying factors.<br>• Feasibility assessments continue on an ongoing basis, for which applicable preliminary results support the reported reserves. |

| Criteria | JORC Code explanation | Commentary |
|---|---|---|
| **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 updated 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.<br>• The Ore Reserves are reported within a detailed staged pit designs which are based on Whittle open pit optimization. |
| | • 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. | • 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. |
| | • The assumptions made regarding geotechnical parameters (eg: pit slopes, stope sizes, etc), grade control and pre-production drilling. | • 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: |

| Pit | Overall Slope Angle (degrees) | | | |
|---|---|---|---|---|
| | East | West | North | South |
| North Pit | 48 | 27 | 32 | 25 |
| Centre Pit | 37 | 28 | 37 | 35 |
| South Deposit | 40 | 38 | 36 | 42 |

| Criteria | JORC Code explanation | Commentary |
|---|---|---|
| | • The major assumptions made and Mineral Resource model used for pit and stope optimization (if appropriate). | • 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. |

| Criteria | JORC Code explanation | Commentary |
|---|---|---|
|  | • The mining dilution factors used.<br>• The mining recovery factors used | • 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%.<br>• 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).<br>• Temporal or period reconciliations are run to check the quality of the 3 month plan cycle |
|  | • Any minimum mining widths used. | • 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. |
|  | • The manner in which Inferred Mineral Resources are utilised in mining studies and the sensitivity of the outcome to their inclusion. | • The Whittle Optimization on which the mine design is based utilizes 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<br>• Inferred resources are not scheduled or included in cash flow assessments. Inferred resources are considered during optimizations to assess further reserve development priorities. |
|  | • The infrastructure requirements of the selected mining methods. | • The mine can conduct remote blast hole drilling and charging to support safe operation utilising the mining method. |
| **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 | • There has been metallurgical test work undertaken as part of early Feasibility Studies and subsequent drilling programs.<br>• A plant recovery factor of 95% is used to account for concentrator efficiency and is supported by historical performance |

| Criteria | JORC Code explanation | Commentary |
|---|---|---|
| | corresponding metallurgical recovery factors applied. | |
| | • 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<br>• Deleterious elements (also referred to as impurities), are identified in product specification and are estimated in the resource model. |
| | • 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.<br>• The Davis Tube Recovery (DTR) technique is the fundamental unit of measurement of grade of ore at a magnetite mine.<br>• DTR is a measure of the “recoverable” magnetite as determined by equipment which seeks to mimic the process occurring in the concentrator.<br>• 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.<br>• The DTR is a physical test, dependent on the actual liberation of the magnetite from its gangue elements.<br>• 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.<br>• The concentrate recovered from the DTC is analysed by X-ray fluorescence (XRF) methods to assess the quality of the DTC, ie the grade of iron, silica, sulphur etc in the concentrate.<br>• 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 | • Magnetite concentrate and hematite pellets are sold on a market specification. |

| Criteria | JORC Code explanation | Commentary |
|---|---|---|
| | been based on the appropriate mineralogy to meet the specifications? | |
| **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.<br>• 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.<br>• 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.<br>• 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.<br>• Grange is required to operate to Best Practice Environmental Management (BPEM).<br>• The Goldamere Act provides overriding legislation against all other Tasmanian legislation<br>• 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 |

| Criteria | JORC Code explanation | Commentary |
|---|---|---|
| | | acid forming waste is encapsulated with layers of clay and alkaline rocks to prevent the formation of acid rock drainage<br>• 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, Centre Pit and South Deposit 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 South Deposit and one previously mined pit (Centre Pit) which is planned to be mined as part of the Life Of Mine Plan.<br>• There are also two primary crushers and conveyors, concentrator, pipeline and pellet processing plant with process water sourced on-site and dedicated power transmission lines.<br>• Townsite hosts a workforce of 250 persons.<br>• Concentrate is transported by slurry pipeline to the Grange-owned Port Latta pellet plant and dedicated ship loading facility for export.<br>• Storage of tails in the Main Creek Tails Storage Dam (facility) will be transitioned to the new South Deposit Tails Storage Facility over the next 3 years. The new facility will have sufficient capacity to support the Life of Mine operation. |
| **Costs** | • The derivation of, or assumptions made, regarding projected capital costs in the study. | • 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 methodology used to estimate operating costs. | • 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 made for the content of deleterious elements. | • Allowances are made for the various deleterious elements and adjustments are made to the Iron Content. |
| | • The source of exchange rates used in the study. | • The exchange rate is sourced from National Australia Bank (Specialist Matter Experts), with periodic updates for forecast. |

| Criteria | JORC Code explanation | Commentary |
|---|---|---|
| | • Derivation of transportation charges | • Reserve 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. |
| | • The basis for forecasting or source of treatment and refining charges, penalties for failure to meet specification, etc. | • 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 |
| | • The allowances made for royalties payable, both Government and private. | • Royalties are used in the Whittle Optimization using the Tasmanian State charges.<br>• All operating and capital costs including royalties and other government charges are included in the Life Of Mine Plan and budgets. . |
| **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 Whittle optimization 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 derivation of assumptions made of metal or commodity price(s), for the principal metals, minerals and co-products. | • The commodity pricing is sourced from subject 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.<br>• A customer and competitor analysis along with the identification of likely market windows for the product.<br>• Price and volume forecasts and the basis for these forecasts. | • 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.<br>• Product is presently sold as Concentrate and Pellet into the Asian and Australian markets.<br>• There are long term contracts in place and we also see a strong spot market.<br>• Prices are negotiated based on market indices. |

| Criteria | JORC Code explanation | Commentary |
|---|---|---|
| | - For industrial minerals the customer specification, testing and acceptance requirements prior to a supply contract. | |
| **Economic** | - The inputs to the economic analysis to produce the net present value (NPV) in the study, the source and confidence of these economic inputs including estimated inflation, discount rate, etc. | - Financial modelling of the Savage River operation, shows support for strong NPV's. |
| | - 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.<br>- 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: | - Grange's project at Savage River is an active and ongoing operation. |

| Criteria | JORC Code explanation | Commentary |
|---|---|---|
| | • Any identified material naturally occurring risks. | • 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 inspirable particles are monitored and controlled. |
| | • The status of material legal agreements and marketing arrangements. | • A long-term contract for supply of magnetite pellet to various customers exists. |
| | • 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. | • The Goldamere Act provides Tasmanian legislation to support the Savage River Operation.<br>• Final approval for the SDTSF was received in 2014 and construction commenced in Q3 2014.<br>• Interim approval from the Tasmania EPA for pre-stripping work at CP was received in September 2019. Documentation for final assessment and full approval is currently in progress and is expected by the end of 2020. There is deemed to be reasonable prospects of the final approval being obtained without material impact on the quoted reserve. |
| **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 and stage pit design.<br>• 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 24.5Mt equal to 47% of the Total Reported Probable Reserves has been derived from Measured Resources. |

| Criteria | JORC Code explanation | Commentary |
|---|---|---|
| | | • 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<br>• Measured Resources with Stage 2 and Stage 3 of Centre Pit has been assessed as Probable Reserves pending the final environmental approval from the Tasmanian Government. |
| **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).<br>• 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.<br>• 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.<br>• Accuracy and confidence discussions should extend to specific discussions of any applied | • Global reconciliations and bench reconciliations are used to feedback into the resource model.<br>• Regular reconciliations show a good performance of model vs actual. Global Reserve Reconciliation for 2019- Actual concentrate produced plus net change in stockpiles at end year was 2.9% more than model predicted.<br>• Reconciliations are calculated from material survey movement against changes in stockpiles and actual magnetite concentrate production.<br>• 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<br>• Historically model predictions are well within 10% of actual production<br>• Modifying factors are applied both globally and locally depending on their nature. Revenue and Exchange assumption are applied globally; Geotehcnical factors are applied local to each deposit. Mining cost factors and some metallurgical performance factors are applied down the local block level to account for the Reserves block location and relative recovery costs.<br>• All modifying factors are reviewed annually.<br>• Modifying Factors are reviewed against actual performance with reconciliations to evaluate accuracy and confidence of the estimates. |

| Criteria | JORC Code explanation | Commentary |
|---|---|---|
| | 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.<br>• 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. | • The accuracy of the modifying factors compares well with historical performance data which is compared on a monthly and annual basis. |

## APPENDIX B – PLANS & SECTIONS

**Figure 5 Image of Savage River Site Infrastructure, Aug 2017**

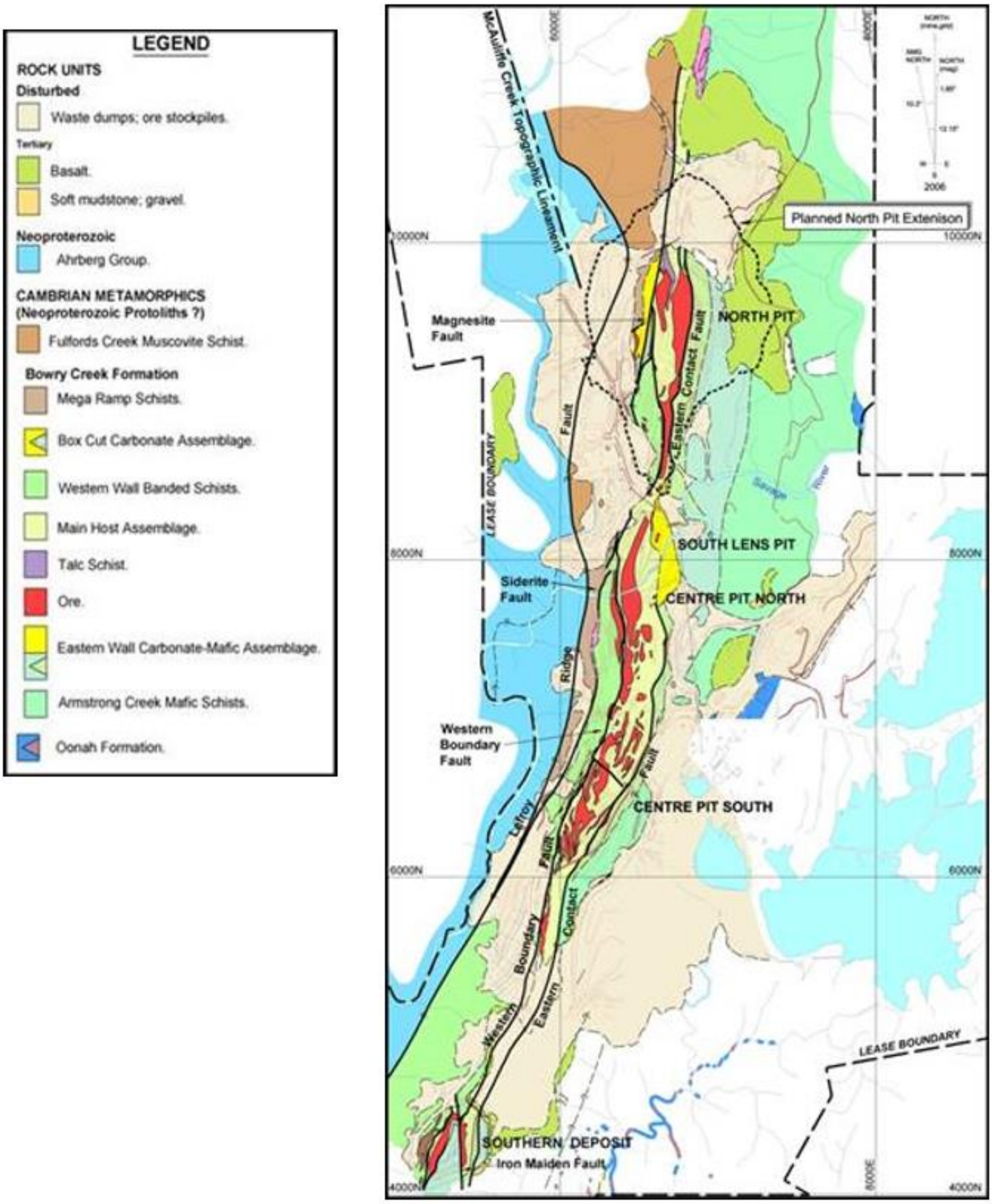


Figure 6 Regional Geology (2008)

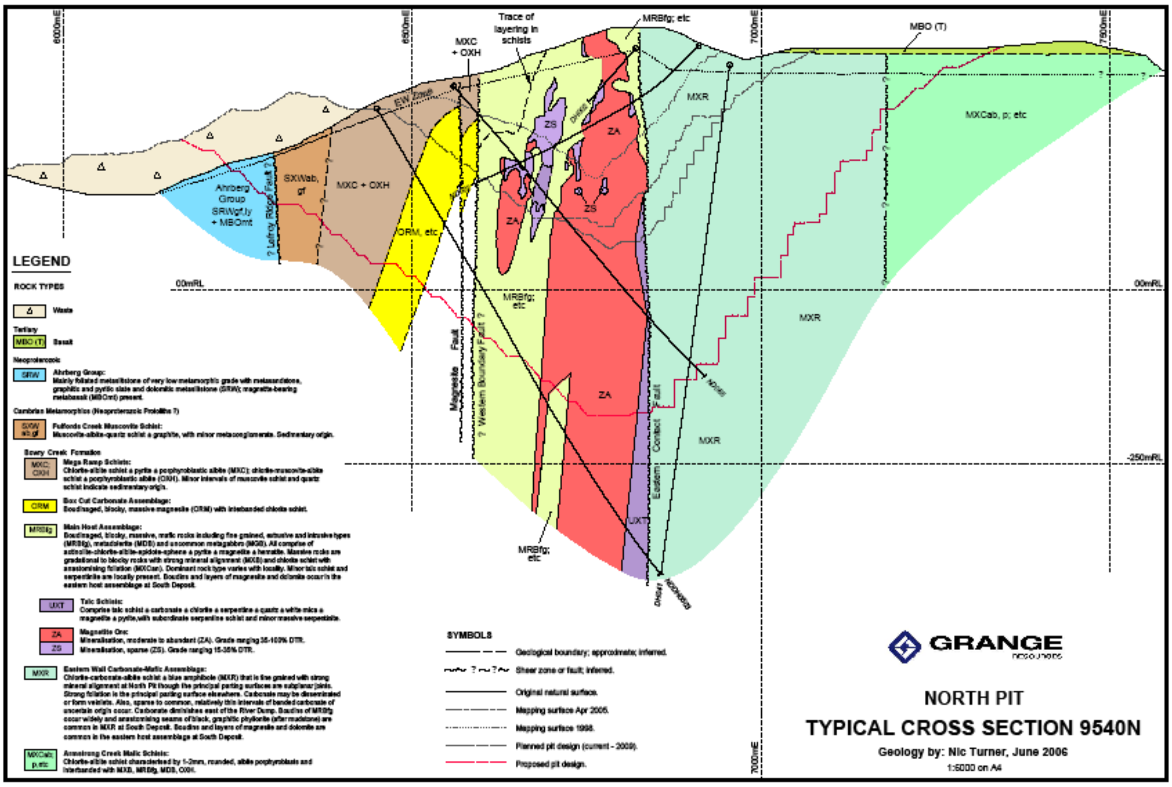


Figure 7 Typical Cross Section for NP

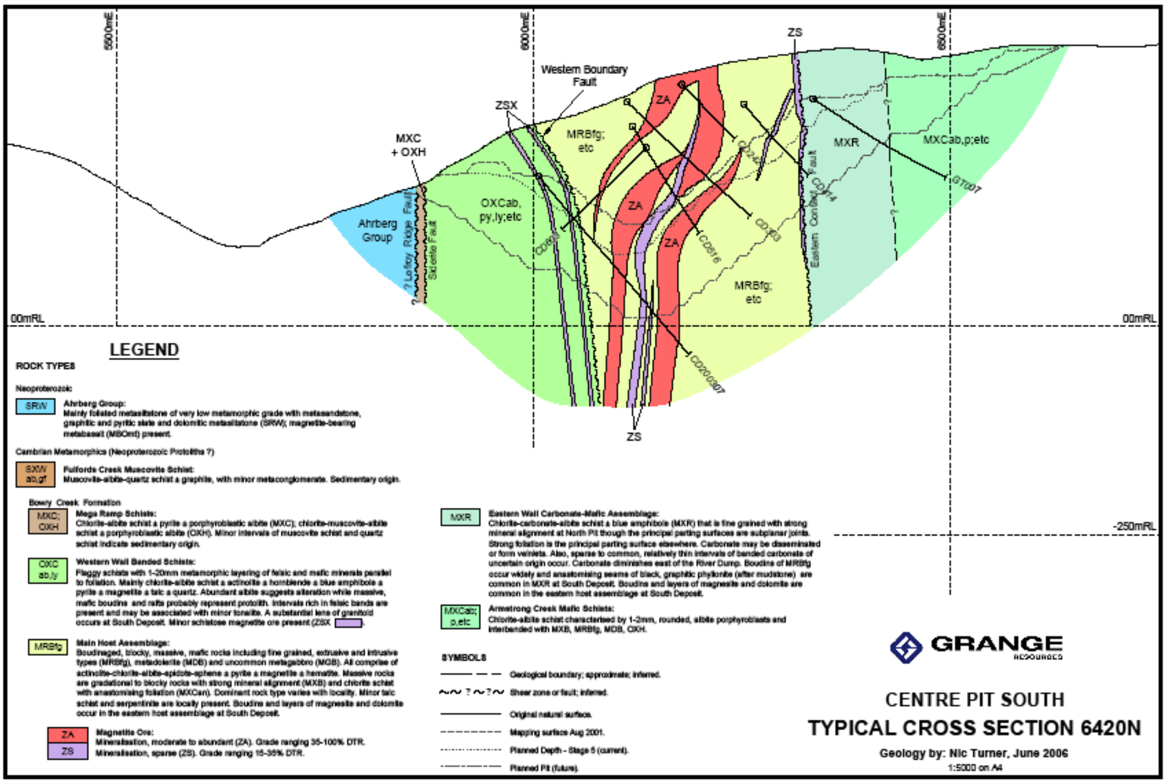


Figure 8 Typical Cross section for Centre Pit

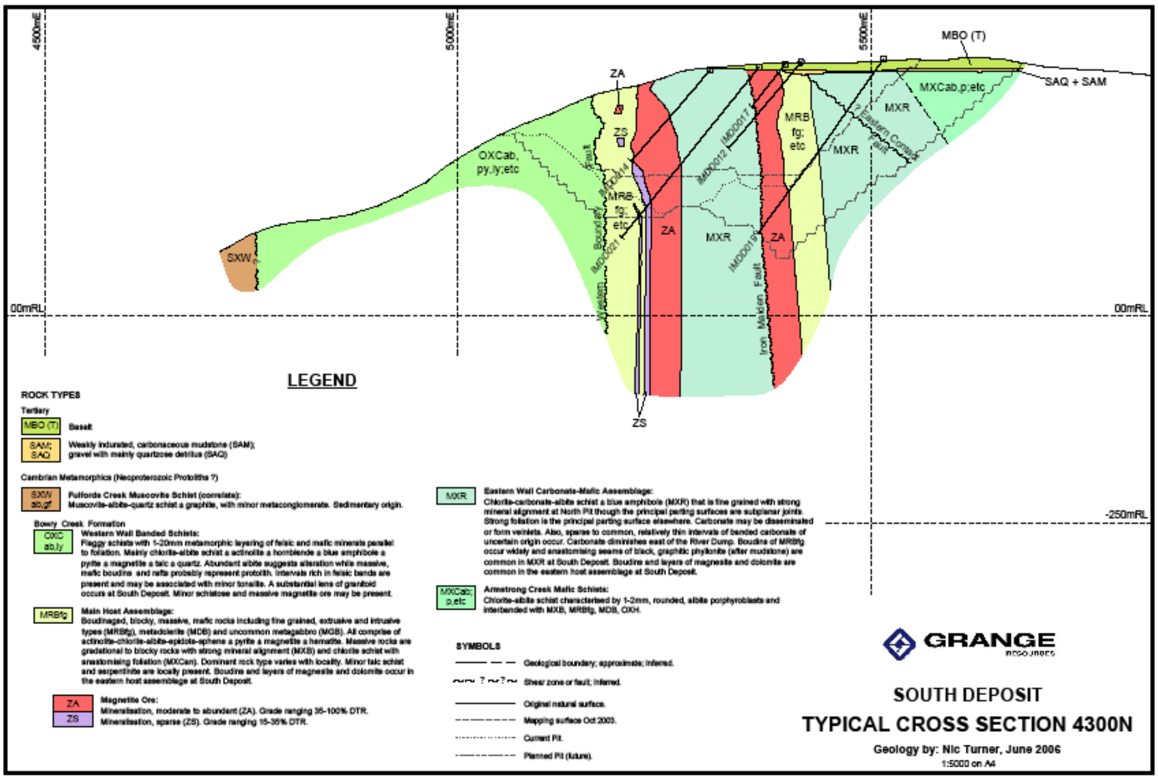


Figure 9 Typical Cross Section for South Deposit

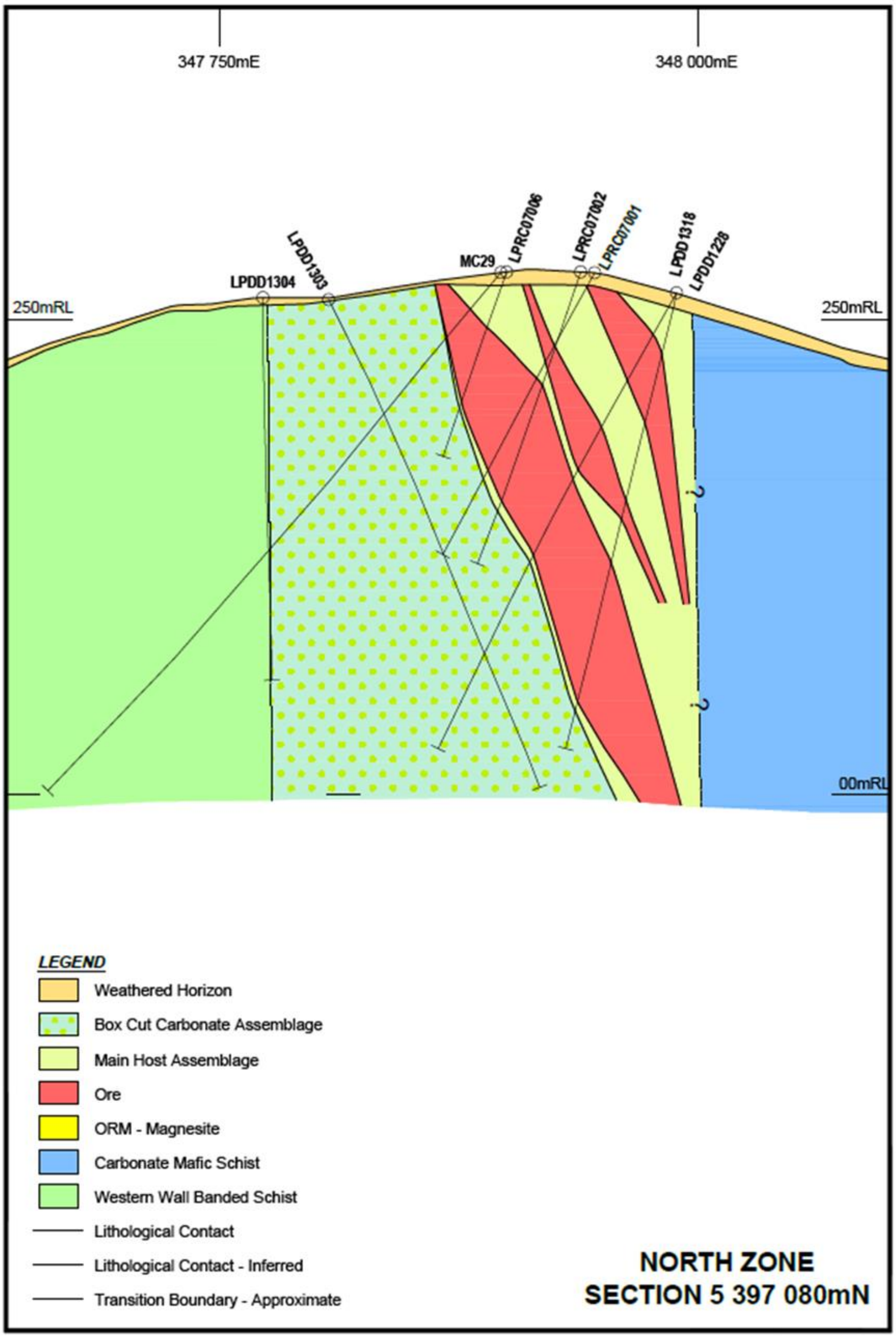


**Figure 10 Typical Cross Section for Long Plains**

## 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. Fifteen (15) new holes have been added for the calendar year 2019.

Table 15 - North Pit Drill Hole Intercepts

| hole_id | x | y | z | dip | azimuth | depth_from | depth_to | max_depth |
|---|---|---|---|---|---|---|---|---|
| DH002 | 6852 | 9550 | 374 | -45 | 295 | 94.5 | 95.99 | 263 |
| DH002 | 6852 | 9550 | 374 | -45 | 295 | 95.99 | 133.8 | 263 |
| DH002 | 6852 | 9550 | 374 | -45 | 295 | 133.8 | 134.6 | 263 |
| DH002 | 6852 | 9550 | 374 | -45 | 295 | 134.6 | 198.4 | 263 |
| DH002 | 6852 | 9550 | 374 | -45 | 295 | 198.4 | 203.9 | 263 |
| DH002 | 6852 | 9550 | 374 | -45 | 295 | 203.9 | 219 | 263 |
| DH017 | 6644 | 8528 | 196 | -67 | 276 | 1.2 | 18.3 | 65.5 |
| DH017 | 6644 | 8528 | 196 | -67 | 276 | 18.3 | 36.6 | 65.5 |
| DH017 | 6644 | 8528 | 196 | -67 | 276 | 36.6 | 55.8 | 65.5 |
| DH017 | 6644 | 8528 | 196 | -67 | 276 | 55.8 | 61.6 | 65.5 |
| DH025 | 6708 | 8878 | 257.5 | -65 | 270 | 1.52 | 5.9 | 228.3 |
| DH025 | 6708 | 8878 | 257.5 | -65 | 270 | 5.9 | 25.9 | 228.3 |
| DH025 | 6708 | 8878 | 257.5 | -65 | 270 | 25.9 | 43.4 | 228.3 |
| DH025 | 6708 | 8878 | 257.5 | -65 | 270 | 43.4 | 49.5 | 228.3 |
| DH025 | 6708 | 8878 | 257.5 | -65 | 270 | 49.5 | 65.7 | 228.3 |
| DH025 | 6708 | 8878 | 257.5 | -65 | 270 | 65.7 | 75.6 | 228.3 |
| DH025 | 6708 | 8878 | 257.5 | -65 | 270 | 75.6 | 80.2 | 228.3 |
| DH025 | 6708 | 8878 | 257.5 | -65 | 270 | 80.2 | 94.5 | 228.3 |
| DH025 | 6708 | 8878 | 257.5 | -65 | 270 | 94.5 | 102.4 | 228.3 |
| DH026 | 6777 | 9229 | 358.1 | -64 | 270 | 9.1 | 21.3 | 181.4 |
| DH026 | 6777 | 9229 | 358.1 | -64 | 270 | 21.3 | 28.3 | 181.4 |
| DH026 | 6777 | 9229 | 358.1 | -64 | 270 | 28.3 | 32.9 | 181.4 |
| DH026 | 6777 | 9229 | 358.1 | -64 | 270 | 32.9 | 40.8 | 181.4 |
| DH026 | 6777 | 9229 | 358.1 | -64 | 270 | 40.8 | 40.93 | 181.4 |
| DH026 | 6777 | 9229 | 358.1 | -64 | 270 | 40.93 | 51.27 | 181.4 |
| DH026 | 6777 | 9229 | 358.1 | -64 | 270 | 51.27 | 54.9 | 181.4 |
| DH026 | 6777 | 9229 | 358.1 | -64 | 270 | 54.9 | 73.2 | 181.4 |
| DH026 | 6777 | 9229 | 358.1 | -64 | 270 | 73.2 | 79.9 | 181.4 |
| DH026 | 6777 | 9229 | 358.1 | -64 | 270 | 79.9 | 91.4 | 181.4 |
| DH026 | 6777 | 9229 | 358.1 | -64 | 270 | 91.4 | 109.1 | 181.4 |
| DH026 | 6777 | 9229 | 358.1 | -64 | 270 | 109.1 | 112 | 181.4 |
| DH026 | 6777 | 9229 | 358.1 | -64 | 270 | 112 | 114.9 | 181.4 |
| DH026 | 6777 | 9229 | 358.1 | -64 | 270 | 114.9 | 133.7 | 181.4 |
| DH026 | 6777 | 9229 | 358.1 | -64 | 270 | 133.7 | 140.5 | 181.4 |
| DH026 | 6777 | 9229 | 358.1 | -64 | 270 | 140.5 | 165.5 | 181.4 |
| DH026 | 6777 | 9229 | 358.1 | -64 | 270 | 165.5 | 167.8 | 181.4 |

Table 15 - North Pit Drill Hole Intercepts

| hole_id | x | y | z | dip | azimuth | depth_from | depth_to | max_depth |
|---|---|---|---|---|---|---|---|---|
| DH026 | 6777 | 9229 | 358.1 | -64 | 270 | 167.8 | 169.8 | 181.4 |
| DH026 | 6777 | 9229 | 358.1 | -64 | 270 | 169.8 | 170.7 | 181.4 |
| DH027 | 6862 | 9780.5 | 365.8 | -51 | 270 | 134.88 | 170.99 | 291.1 |
| DH036 | 6868.5 | 9353 | 348.4 | -79 | 300 | 258.5 | 277.7 | 439.2 |
| DH036 | 6868.5 | 9353 | 348.4 | -79 | 300 | 277.7 | 278.6 | 439.2 |
| DH036 | 6868.5 | 9353 | 348.4 | -79 | 300 | 278.6 | 300.53 | 439.2 |
| DH036 | 6868.5 | 9353 | 348.4 | -79 | 300 | 300.53 | 302.35 | 439.2 |
| DH036 | 6868.5 | 9353 | 348.4 | -79 | 300 | 302.35 | 328.9 | 439.2 |
| DH036 | 6868.5 | 9353 | 348.4 | -79 | 300 | 328.9 | 376.36 | 439.2 |
| DH036 | 6868.5 | 9353 | 348.4 | -79 | 300 | 376.36 | 388.3 | 439.2 |
| DH036 | 6868.5 | 9353 | 348.4 | -79 | 300 | 388.3 | 393.72 | 439.2 |
| DH036 | 6868.5 | 9353 | 348.4 | -79 | 300 | 393.72 | 409.94 | 439.2 |
| DH036 | 6868.5 | 9353 | 348.4 | -79 | 300 | 409.94 | 423.1 | 439.2 |
| DH043 | 6888 | 9990 | 354.5 | -45 | 275 | 158.5 | 164 | 186.5 |
| DH049 | 6666.5 | 9020 | 309 | -50 | 274 | 41 | 46.8 | 88.4 |
| DH049 | 6666.5 | 9020 | 309 | -50 | 274 | 46.8 | 51.09 | 88.4 |
| DH049 | 6666.5 | 9020 | 309 | -50 | 274 | 51.09 | 52.4 | 88.4 |
| DH049 | 6666.5 | 9020 | 309 | -50 | 274 | 52.4 | 55.5 | 88.4 |
| DH049 | 6666.5 | 9020 | 309 | -50 | 274 | 55.5 | 57.9 | 88.4 |
| DH049 | 6666.5 | 9020 | 309 | -50 | 274 | 69.5 | 75.8 | 88.4 |
| DH050 | 6602.5 | 8913.5 | 296 | -48 | 94 | 23.8 | 45.7 | 209.1 |
| DH050 | 6602.5 | 8913.5 | 296 | -48 | 94 | 45.7 | 58.5 | 209.1 |
| DH050 | 6602.5 | 8913.5 | 296 | -48 | 94 | 58.5 | 109.7 | 209.1 |
| DH050 | 6602.5 | 8913.5 | 296 | -48 | 94 | 109.7 | 127.4 | 209.1 |
| DH050 | 6602.5 | 8913.5 | 296 | -48 | 94 | 127.4 | 129.4 | 209.1 |
| DH050 | 6602.5 | 8913.5 | 296 | -48 | 94 | 129.4 | 136.93 | 209.1 |
| DH050 | 6602.5 | 8913.5 | 296 | -48 | 94 | 136.93 | 155.4 | 209.1 |
| DH051 | 6670 | 9242 | 335.3 | -55 | 94 | 3.7 | 21.3 | 234.7 |
| DH051 | 6670 | 9242 | 335.3 | -55 | 94 | 21.3 | 24.4 | 234.7 |
| DH051 | 6670 | 9242 | 335.3 | -55 | 94 | 24.4 | 57.9 | 234.7 |
| DH051 | 6670 | 9242 | 335.3 | -55 | 94 | 57.9 | 61 | 234.7 |
| DH051 | 6670 | 9242 | 335.3 | -55 | 94 | 61 | 88.4 | 234.7 |
| DH051 | 6670 | 9242 | 335.3 | -55 | 94 | 88.4 | 91.4 | 234.7 |
| DH051 | 6670 | 9242 | 335.3 | -55 | 94 | 91.4 | 128 | 234.7 |
| DH051 | 6670 | 9242 | 335.3 | -55 | 94 | 128 | 131.1 | 234.7 |
| DH051 | 6670 | 9242 | 335.3 | -55 | 94 | 131.1 | 192 | 234.7 |
| DH051 | 6670 | 9242 | 335.3 | -55 | 94 | 192 | 195.1 | 234.7 |
| DH051 | 6670 | 9242 | 335.3 | -55 | 94 | 195.1 | 198.1 | 234.7 |
| DH052 | 6825 | 9305 | 344.5 | -57 | 286 | 105.2 | 122.2 | 326.7 |
| DH052 | 6825 | 9305 | 344.5 | -57 | 286 | 122.2 | 132.9 | 326.7 |

Table 15 - North Pit Drill Hole Intercepts

| hole_id | x | y | z | dip | azimuth | depth_from | depth_to | max_depth |
|---|---|---|---|---|---|---|---|---|
| DH052 | 6825 | 9305 | 344.5 | -57 | 286 | 132.9 | 166.76 | 326.7 |
| DH052 | 6825 | 9305 | 344.5 | -57 | 286 | 166.76 | 168.55 | 326.7 |
| DH052 | 6825 | 9305 | 344.5 | -57 | 286 | 168.55 | 172.2 | 326.7 |
| DH052 | 6825 | 9305 | 344.5 | -57 | 286 | 172.2 | 178.3 | 326.7 |
| DH052 | 6825 | 9305 | 344.5 | -57 | 286 | 178.3 | 216.4 | 326.7 |
| DH052 | 6825 | 9305 | 344.5 | -57 | 286 | 216.4 | 242.9 | 326.7 |
| DH052 | 6825 | 9305 | 344.5 | -57 | 286 | 285.6 | 294.7 | 326.7 |
| DH053 | 6854 | 9653.5 | 366 | -67 | 286 | 118.6 | 121.9 | 323.7 |
| DH053 | 6854 | 9653.5 | 366 | -67 | 286 | 121.9 | 146.3 | 323.7 |
| DH053 | 6854 | 9653.5 | 366 | -67 | 286 | 146.3 | 210.3 | 323.7 |
| DH053 | 6854 | 9653.5 | 366 | -67 | 286 | 210.3 | 219.5 | 323.7 |
| DH053 | 6854 | 9653.5 | 366 | -67 | 286 | 219.5 | 301.8 | 323.7 |
| DH053 | 6854 | 9653.5 | 366 | -67 | 286 | 301.8 | 307.8 | 323.7 |
| DH053 | 6854 | 9653.5 | 366 | -67 | 286 | 307.8 | 313.9 | 323.7 |
| DH053 | 6854 | 9653.5 | 366 | -67 | 286 | 313.9 | 317.75 | 323.7 |
| DH053 | 6854 | 9653.5 | 366 | -67 | 286 | 317.75 | 322.34 | 323.7 |
| DH053 | 6854 | 9653.5 | 366 | -67 | 286 | 322.34 | 323.7 | 323.7 |
| ND001 | 6865.5 | 9740 | 363.46 | -45 | 270 | 116 | 127.1 | 326 |
| ND001 | 6865.5 | 9740 | 363.46 | -45 | 270 | 269.4 | 280.7 | 326 |
| ND001 | 6865.5 | 9740 | 363.46 | -45 | 270 | 301 | 317.6 | 326 |
| ND002 | 6910.5 | 9542.5 | 350.87 | -45 | 270 | 138.5 | 197.9 | 380 |
| ND002 | 6910.5 | 9542.5 | 350.87 | -45 | 270 | 197.9 | 200.5 | 380 |
| ND002 | 6910.5 | 9542.5 | 350.87 | -45 | 270 | 200.5 | 203.6 | 380 |
| ND002 | 6910.5 | 9542.5 | 350.87 | -45 | 270 | 203.6 | 208.5 | 380 |
| ND002 | 6910.5 | 9542.5 | 350.87 | -45 | 270 | 250.7 | 273.9 | 380 |
| ND002 | 6910.5 | 9542.5 | 350.87 | -45 | 270 | 289 | 299 | 380 |
| ND002 | 6910.5 | 9542.5 | 350.87 | -45 | 270 | 311.4 | 331.6 | 380 |
| ND002 | 6910.5 | 9542.5 | 350.87 | -45 | 270 | 331.6 | 338.8 | 380 |
| ND003 | 6553.5 | 9134 | 273 | -45 | 90 | 198.8 | 213 | 309 |
| ND003 | 6553.5 | 9134 | 273 | -45 | 90 | 213 | 245.6 | 309 |
| ND003 | 6553.5 | 9134 | 273 | -45 | 90 | 245.6 | 250.7 | 309 |
| ND003 | 6553.5 | 9134 | 273 | -45 | 90 | 250.7 | 253.9 | 309 |
| ND003 | 6553.5 | 9134 | 273 | -45 | 90 | 253.9 | 285.5 | 309 |
| ND004 | 6817 | 9291 | 345.05 | -45 | 270 | 50.1 | 79.3 | 175.9 |
| ND004 | 6817 | 9291 | 345.05 | -45 | 270 | 79.3 | 86.3 | 175.9 |
| ND004 | 6817 | 9291 | 345.05 | -45 | 270 | 86.3 | 143.9 | 175.9 |
| ND004 | 6817 | 9291 | 345.05 | -45 | 270 | 143.9 | 146.1 | 175.9 |
| ND004 | 6817 | 9291 | 345.05 | -45 | 270 | 146.1 | 175.9 | 175.9 |
| ND034 | 6789.9 | 9490.5 | 347.6 | -45 | 270 | 0 | 0.5 | 85 |
| ND034 | 6789.9 | 9490.5 | 347.6 | -45 | 270 | 0.5 | 1.49 | 85 |

Table 15 - North Pit Drill Hole Intercepts

| hole_id | x | y | z | dip | azimuth | depth_from | depth_to | max_depth |
|---|---|---|---|---|---|---|---|---|
| ND034 | 6789.9 | 9490.5 | 347.6 | -45 | 270 | 1.49 | 5.68 | 85 |
| ND034 | 6789.9 | 9490.5 | 347.6 | -45 | 270 | 5.68 | 37 | 85 |
| ND034 | 6789.9 | 9490.5 | 347.6 | -45 | 270 | 37 | 38.5 | 85 |
| ND034 | 6789.9 | 9490.5 | 347.6 | -45 | 270 | 38.5 | 45.8 | 85 |
| ND034 | 6789.9 | 9490.5 | 347.6 | -45 | 270 | 45.8 | 46.8 | 85 |
| ND034 | 6789.9 | 9490.5 | 347.6 | -45 | 270 | 46.8 | 51.3 | 85 |
| ND034 | 6789.9 | 9490.5 | 347.6 | -45 | 270 | 51.3 | 51.8 | 85 |
| ND035 | 6758.4 | 9440 | 347.5 | -45 | 270 | 0 | 1 | 85 |
| ND035 | 6758.4 | 9440 | 347.5 | -45 | 270 | 1 | 31.4 | 85 |
| ND035 | 6758.4 | 9440 | 347.5 | -45 | 270 | 31.4 | 43.5 | 85 |
| ND035 | 6758.4 | 9440 | 347.5 | -45 | 270 | 43.5 | 45.5 | 85 |
| ND035 | 6758.4 | 9440 | 347.5 | -45 | 270 | 45.5 | 56.9 | 85 |
| ND035 | 6758.4 | 9440 | 347.5 | -45 | 270 | 56.9 | 61.7 | 85 |
| ND035 | 6758.4 | 9440 | 347.5 | -45 | 270 | 61.7 | 71.39 | 85 |
| ND035 | 6758.4 | 9440 | 347.5 | -45 | 270 | 71.39 | 76.5 | 85 |
| ND036 | 6759.4 | 9440.8 | 347.5 | -45 | 90 | 0 | 1.5 | 71 |
| ND036 | 6759.4 | 9440.8 | 347.5 | -45 | 90 | 1.5 | 11.27 | 71 |
| ND036 | 6759.4 | 9440.8 | 347.5 | -45 | 90 | 11.27 | 13.5 | 71 |
| ND036 | 6759.4 | 9440.8 | 347.5 | -45 | 90 | 13.5 | 21.7 | 71 |
| ND036 | 6759.4 | 9440.8 | 347.5 | -45 | 90 | 21.7 | 27.1 | 71 |
| ND036 | 6759.4 | 9440.8 | 347.5 | -45 | 90 | 27.1 | 57.2 | 71 |
| ND036 | 6759.4 | 9440.8 | 347.5 | -45 | 90 | 57.2 | 65 | 71 |
| ND037 | 6770.9 | 9391.1 | 347.3 | -45 | 270 | 3.5 | 8.4 | 102.5 |
| ND037 | 6770.9 | 9391.1 | 347.3 | -45 | 270 | 8.4 | 35.2 | 102.5 |
| ND037 | 6770.9 | 9391.1 | 347.3 | -45 | 270 | 35.2 | 38 | 102.5 |
| ND037 | 6770.9 | 9391.1 | 347.3 | -45 | 270 | 38 | 65 | 102.5 |
| ND037 | 6770.9 | 9391.1 | 347.3 | -45 | 270 | 65 | 67.4 | 102.5 |
| ND037 | 6770.9 | 9391.1 | 347.3 | -45 | 270 | 67.4 | 85.4 | 102.5 |
| ND037 | 6770.9 | 9391.1 | 347.3 | -45 | 270 | 85.4 | 89.4 | 102.5 |
| ND037 | 6770.9 | 9391.1 | 347.3 | -45 | 270 | 89.4 | 97.7 | 102.5 |
| ND038 | 6772.5 | 9312 | 349.7 | -45 | 270 | 4.4 | 13.5 | 127.5 |
| ND038 | 6772.5 | 9312 | 349.7 | -45 | 270 | 13.5 | 18.2 | 127.5 |
| ND038 | 6772.5 | 9312 | 349.7 | -45 | 270 | 18.2 | 23 | 127.5 |
| ND038 | 6772.5 | 9312 | 349.7 | -45 | 270 | 23 | 32.9 | 127.5 |
| ND038 | 6772.5 | 9312 | 349.7 | -45 | 270 | 32.9 | 39.8 | 127.5 |
| ND038 | 6772.5 | 9312 | 349.7 | -45 | 270 | 39.8 | 45.3 | 127.5 |
| ND038 | 6772.5 | 9312 | 349.7 | -45 | 270 | 45.3 | 51.2 | 127.5 |
| ND038 | 6772.5 | 9312 | 349.7 | -45 | 270 | 51.2 | 56.8 | 127.5 |
| ND038 | 6772.5 | 9312 | 349.7 | -45 | 270 | 56.8 | 94.8 | 127.5 |
| ND039 | 6723.2 | 9339.6 | 347.7 | -45 | 270 | 0 | 6.4 | 78.5 |

Table 15 - North Pit Drill Hole Intercepts

| hole_id | x | y | z | dip | azimuth | depth_from | depth_to | max_depth |
|---|---|---|---|---|---|---|---|---|
| ND039 | 6723.2 | 9339.6 | 347.7 | -45 | 270 | 6.4 | 34.1 | 78.5 |
| ND040 | 6744 | 9640 | 357.6 | -45 | 90 | 27.7 | 46.2 | 86 |
| ND040 | 6744 | 9640 | 357.6 | -45 | 90 | 46.2 | 51 | 86 |
| ND040 | 6744 | 9640 | 357.6 | -45 | 90 | 51 | 57.5 | 86 |
| ND040 | 6744 | 9640 | 357.6 | -45 | 90 | 57.5 | 63.7 | 86 |
| ND040 | 6744 | 9640 | 357.6 | -45 | 90 | 63.7 | 70 | 86 |
| ND040 | 6744 | 9640 | 357.6 | -45 | 90 | 70 | 81.5 | 86 |
| ND041 | 6820 | 9540 | 347 | -45 | 241 | 19.7 | 43 | 108.5 |
| ND041 | 6820 | 9540 | 347 | -45 | 241 | 43 | 46.6 | 108.5 |
| ND041 | 6820 | 9540 | 347 | -45 | 241 | 46.6 | 72.4 | 108.5 |
| ND041 | 6820 | 9540 | 347 | -45 | 241 | 72.4 | 92.86 | 108.5 |
| ND041 | 6820 | 9540 | 347 | -45 | 241 | 92.86 | 108.5 | 108.5 |
| ND042 | 6765.4 | 9538.5 | 346.5 | -45 | 90 | 0 | 2.5 | 75.5 |
| ND042 | 6765.4 | 9538.5 | 346.5 | -45 | 90 | 2.5 | 48.5 | 75.5 |
| ND042 | 6765.4 | 9538.5 | 346.5 | -45 | 90 | 48.5 | 51 | 75.5 |
| ND042 | 6765.4 | 9538.5 | 346.5 | -45 | 90 | 51 | 64.7 | 75.5 |
| ND043 | 6772.4 | 9194.7 | 336.3 | -45 | 270 | 2.5 | 15.1 | 147 |
| ND043 | 6772.4 | 9194.7 | 336.3 | -45 | 270 | 15.1 | 18 | 147 |
| ND043 | 6772.4 | 9194.7 | 336.3 | -45 | 270 | 18 | 22.9 | 147 |
| ND043 | 6772.4 | 9194.7 | 336.3 | -45 | 270 | 22.9 | 30.5 | 147 |
| ND043 | 6772.4 | 9194.7 | 336.3 | -45 | 270 | 30.5 | 35.5 | 147 |
| ND043 | 6772.4 | 9194.7 | 336.3 | -45 | 270 | 35.5 | 45.4 | 147 |
| ND043 | 6772.4 | 9194.7 | 336.3 | -45 | 270 | 45.4 | 59.9 | 147 |
| ND043 | 6772.4 | 9194.7 | 336.3 | -45 | 270 | 59.9 | 63.7 | 147 |
| ND043 | 6772.4 | 9194.7 | 336.3 | -45 | 270 | 63.7 | 69.5 | 147 |
| ND043 | 6772.4 | 9194.7 | 336.3 | -45 | 270 | 69.5 | 74 | 147 |
| ND043 | 6772.4 | 9194.7 | 336.3 | -45 | 270 | 74 | 77.1 | 147 |
| ND043 | 6772.4 | 9194.7 | 336.3 | -45 | 270 | 77.1 | 81.4 | 147 |
| ND043 | 6772.4 | 9194.7 | 336.3 | -45 | 270 | 81.4 | 88.3 | 147 |
| ND043 | 6772.4 | 9194.7 | 336.3 | -45 | 270 | 88.3 | 92.12 | 147 |
| ND043 | 6772.4 | 9194.7 | 336.3 | -45 | 270 | 92.12 | 106.62 | 147 |
| ND043 | 6772.4 | 9194.7 | 336.3 | -45 | 270 | 106.62 | 109.84 | 147 |
| ND043 | 6772.4 | 9194.7 | 336.3 | -45 | 270 | 109.84 | 131.8 | 147 |
| ND044 | 6729.1 | 9250.3 | 352.6 | -50 | 270 | 14.5 | 20.2 | 112.7 |
| ND044 | 6729.1 | 9250.3 | 352.6 | -50 | 270 | 20.2 | 21.8 | 112.7 |
| ND044 | 6729.1 | 9250.3 | 352.6 | -50 | 270 | 21.8 | 36 | 112.7 |
| ND044 | 6729.1 | 9250.3 | 352.6 | -50 | 270 | 36 | 45.76 | 112.7 |
| ND044 | 6729.1 | 9250.3 | 352.6 | -50 | 270 | 45.76 | 46.4 | 112.7 |
| ND044 | 6729.1 | 9250.3 | 352.6 | -50 | 270 | 46.4 | 72.9 | 112.7 |
| ND045 | 6658 | 9005.8 | 308.6 | -55 | 270 | 30 | 33 | 69.2 |

Table 15 - North Pit Drill Hole Intercepts

| hole_id | x | y | z | dip | azimuth | depth_from | depth_to | max_depth |
|---|---|---|---|---|---|---|---|---|
| ND045 | 6658 | 9005.8 | 308.6 | -55 | 270 | 33 | 44 | 69.2 |
| ND045 | 6658 | 9005.8 | 308.6 | -55 | 270 | 44 | 54.6 | 69.2 |
| ND045 | 6658 | 9005.8 | 308.6 | -55 | 270 | 54.6 | 60.3 | 69.2 |
| ND046 | 6663.3 | 9141.3 | 322.7 | -55 | 270 | 1.5 | 33.7 | 56 |
| ND046 | 6663.3 | 9141.3 | 322.7 | -55 | 270 | 33.7 | 38.7 | 56 |
| ND046 | 6663.3 | 9141.3 | 322.7 | -55 | 270 | 38.7 | 43.3 | 56 |
| ND046 | 6663.3 | 9141.3 | 322.7 | -55 | 270 | 48.3 | 56 | 56 |
| ND047 | 6765.4 | 9540.9 | 348 | -50 | 270 | 0 | 2.5 | 43 |
| ND047 | 6765.4 | 9540.9 | 348 | -50 | 270 | 2.5 | 14.7 | 43 |
| ND048 | 6791.6 | 9489.9 | 337.9 | -45 | 90 | 0 | 4.29 | 59 |
| ND048 | 6791.6 | 9489.9 | 337.9 | -45 | 90 | 4.29 | 13.89 | 59 |
| ND048 | 6791.6 | 9489.9 | 337.9 | -45 | 90 | 13.89 | 16.31 | 59 |
| ND048 | 6791.6 | 9489.9 | 337.9 | -45 | 90 | 16.31 | 30.2 | 59 |
| ND050 | 6834.4 | 9491.2 | 336.6 | -45 | 270 | 34.5 | 87 | 145.5 |
| ND050 | 6834.4 | 9491.2 | 336.6 | -45 | 270 | 87 | 88.3 | 145.5 |
| ND050 | 6834.4 | 9491.2 | 336.6 | -45 | 270 | 88.3 | 99.3 | 145.5 |
| ND050 | 6834.4 | 9491.2 | 336.6 | -45 | 270 | 99.3 | 102.5 | 145.5 |
| ND050 | 6834.4 | 9491.2 | 336.6 | -45 | 270 | 102.5 | 113 | 145.5 |
| ND050 | 6834.4 | 9491.2 | 336.6 | -45 | 270 | 113 | 115.83 | 145.5 |
| ND050 | 6834.4 | 9491.2 | 336.6 | -45 | 270 | 115.83 | 120.9 | 145.5 |
| ND050 | 6834.4 | 9491.2 | 336.6 | -45 | 270 | 120.9 | 129.3 | 145.5 |
| ND051 | 6810.3 | 9389.7 | 328.7 | -45 | 270 | 65 | 78.49 | 159.5 |
| ND051 | 6810.3 | 9389.7 | 328.7 | -45 | 270 | 78.49 | 84.21 | 159.5 |
| ND051 | 6810.3 | 9389.7 | 328.7 | -45 | 270 | 84.21 | 111.7 | 159.5 |
| ND051 | 6810.3 | 9389.7 | 328.7 | -45 | 270 | 111.7 | 116 | 159.5 |
| ND051 | 6810.3 | 9389.7 | 328.7 | -45 | 270 | 116 | 125 | 159.5 |
| ND051 | 6810.3 | 9389.7 | 328.7 | -45 | 270 | 125 | 128 | 159.5 |
| ND051 | 6810.3 | 9389.7 | 328.7 | -45 | 270 | 128 | 137.1 | 159.5 |
| ND052 | 6759.9 | 9338.7 | 321.5 | -45 | 270 | 1.49 | 2.46 | 110 |
| ND052 | 6759.9 | 9338.7 | 321.5 | -45 | 270 | 2.46 | 9.7 | 110 |
| ND052 | 6759.9 | 9338.7 | 321.5 | -45 | 270 | 9.7 | 11.7 | 110 |
| ND052 | 6759.9 | 9338.7 | 321.5 | -45 | 270 | 11.7 | 71.5 | 110 |
| ND053 | 6756.2 | 9129.9 | 292.7 | -45 | 270 | 33.3 | 39.98 | 72.7 |
| ND053 | 6756.2 | 9129.9 | 292.7 | -45 | 270 | 39.98 | 47.6 | 72.7 |
| ND053 | 6756.2 | 9129.9 | 292.7 | -45 | 270 | 47.6 | 56.6 | 72.7 |
| ND053 | 6756.2 | 9129.9 | 292.7 | -45 | 270 | 56.6 | 72.7 | 72.7 |
| ND055 | 6608.6 | 9090.5 | 300.7 | -40 | 90 | 50 | 65.8 | 137 |
| ND055 | 6608.6 | 9090.5 | 300.7 | -40 | 90 | 65.8 | 72 | 137 |
| ND055 | 6608.6 | 9090.5 | 300.7 | -40 | 90 | 72 | 91.2 | 137 |
| ND055 | 6608.6 | 9090.5 | 300.7 | -40 | 90 | 91.2 | 105.5 | 137 |

Table 15 - North Pit Drill Hole Intercepts

| hole_id | x | y | z | dip | azimuth | depth_from | depth_to | max_depth |
|---|---|---|---|---|---|---|---|---|
| ND055 | 6608.6 | 9090.5 | 300.7 | -40 | 90 | 105.5 | 116 | 137 |
| ND055 | 6608.6 | 9090.5 | 300.7 | -40 | 90 | 116 | 137 | 137 |
| ND056 | 6831.3 | 9189.4 | 305.2 | -45 | 270 | 104 | 111.1 | 210.5 |
| ND056 | 6831.3 | 9189.4 | 305.2 | -45 | 270 | 111.1 | 113.5 | 210.5 |
| ND056 | 6831.3 | 9189.4 | 305.2 | -45 | 270 | 113.5 | 125.7 | 210.5 |
| ND056 | 6831.3 | 9189.4 | 305.2 | -45 | 270 | 125.7 | 128 | 210.5 |
| ND056 | 6831.3 | 9189.4 | 305.2 | -45 | 270 | 128 | 141.3 | 210.5 |
| ND056 | 6831.3 | 9189.4 | 305.2 | -45 | 270 | 141.3 | 144 | 210.5 |
| ND056 | 6831.3 | 9189.4 | 305.2 | -45 | 270 | 144 | 165.7 | 210.5 |
| ND057 | 6875.3 | 9390.1 | 327.8 | -45 | 270 | 134.2 | 149 | 149 |
| ND058 | 6591.9 | 8741.6 | 236.6 | -45 | 90 | 70.2 | 79 | 153.5 |
| ND058 | 6591.9 | 8741.6 | 236.6 | -45 | 90 | 79 | 90.6 | 153.5 |
| ND058 | 6591.9 | 8741.6 | 236.6 | -45 | 90 | 90.6 | 120.2 | 153.5 |
| ND058 | 6591.9 | 8741.6 | 236.6 | -45 | 90 | 120.2 | 128.6 | 153.5 |
| ND058 | 6591.9 | 8741.6 | 236.6 | -45 | 90 | 128.6 | 136.9 | 153.5 |
| ND058 | 6591.9 | 8741.6 | 236.6 | -45 | 90 | 136.9 | 144.2 | 153.5 |
| ND059 | 6704.5 | 9590.45 | 341.54 | -60 | 90 | 45.5 | 49.5 | 262.3 |
| ND059 | 6704.5 | 9590.45 | 341.54 | -60 | 90 | 49.5 | 94.1 | 262.3 |
| ND059 | 6704.5 | 9590.45 | 341.54 | -60 | 90 | 94.1 | 105.2 | 262.3 |
| ND059 | 6704.5 | 9590.45 | 341.54 | -60 | 90 | 105.2 | 112.2 | 262.3 |
| ND059 | 6704.5 | 9590.45 | 341.54 | -60 | 90 | 112.2 | 136.4 | 262.3 |
| ND059 | 6704.5 | 9590.45 | 341.54 | -60 | 90 | 136.4 | 140 | 262.3 |
| ND059 | 6704.5 | 9590.45 | 341.54 | -60 | 90 | 140 | 221.9 | 262.3 |
| ND059 | 6704.5 | 9590.45 | 341.54 | -60 | 90 | 221.9 | 224.5 | 262.3 |
| ND059 | 6704.5 | 9590.45 | 341.54 | -60 | 90 | 224.5 | 228.83 | 262.3 |
| ND059 | 6704.5 | 9590.45 | 341.54 | -60 | 90 | 228.83 | 235.7 | 262.3 |
| ND059 | 6704.5 | 9590.45 | 341.54 | -60 | 90 | 235.7 | 262.3 | 262.3 |
| ND060 | 6677.7 | 8949.8 | 270.2 | -65 | 270 | 12 | 16 | 110 |
| ND060 | 6677.7 | 8949.8 | 270.2 | -65 | 270 | 16 | 24 | 110 |
| ND060 | 6677.7 | 8949.8 | 270.2 | -65 | 270 | 24 | 43.8 | 110 |
| ND060 | 6677.7 | 8949.8 | 270.2 | -65 | 270 | 43.8 | 62.7 | 110 |
| ND060 | 6677.7 | 8949.8 | 270.2 | -65 | 270 | 62.7 | 74.1 | 110 |
| ND060 | 6677.7 | 8949.8 | 270.2 | -65 | 270 | 74.1 | 77.9 | 110 |
| ND060 | 6677.7 | 8949.8 | 270.2 | -65 | 270 | 93.7 | 110 | 110 |
| ND061 | 6713.8 | 8831.8 | 258.2 | -50 | 270 | 45 | 54.7 | 110 |
| ND061 | 6713.8 | 8831.8 | 258.2 | -50 | 270 | 54.7 | 56.5 | 110 |
| ND061 | 6713.8 | 8831.8 | 258.2 | -50 | 270 | 56.5 | 68 | 110 |
| ND061 | 6713.8 | 8831.8 | 258.2 | -50 | 270 | 68 | 75 | 110 |
| ND061 | 6713.8 | 8831.8 | 258.2 | -50 | 270 | 75 | 82.9 | 110 |
| ND061 | 6713.8 | 8831.8 | 258.2 | -50 | 270 | 82.9 | 85.5 | 110 |

Table 15 - North Pit Drill Hole Intercepts

| hole_id | x | y | z | dip | azimuth | depth_from | depth_to | max_depth |
|---|---|---|---|---|---|---|---|---|
| ND062 | 6566.3 | 9041.5 | 286.4 | -40 | 90 | 81.6 | 90.7 | 165 |
| ND062 | 6566.3 | 9041.5 | 286.4 | -40 | 90 | 117.6 | 165 | 165 |
| ND063 | 6690.3 | 9639.2 | 344.3 | -45 | 90 | 91.4 | 96.8 | 228.5 |
| ND063 | 6690.3 | 9639.2 | 344.3 | -45 | 90 | 96.8 | 101.2 | 228.5 |
| ND063 | 6690.3 | 9639.2 | 344.3 | -45 | 90 | 101.2 | 205.4 | 228.5 |
| ND064 | 6657.7 | 9439.9 | 310.6 | -45 | 90 | 85.1 | 88 | 240 |
| ND064 | 6657.7 | 9439.9 | 310.6 | -45 | 90 | 88 | 90.7 | 240 |
| ND064 | 6657.7 | 9439.9 | 310.6 | -45 | 90 | 90.7 | 96 | 240 |
| ND064 | 6657.7 | 9439.9 | 310.6 | -45 | 90 | 96 | 105.9 | 240 |
| ND064 | 6657.7 | 9439.9 | 310.6 | -45 | 90 | 105.9 | 110.3 | 240 |
| ND064 | 6657.7 | 9439.9 | 310.6 | -45 | 90 | 110.3 | 133.6 | 240 |
| ND064 | 6657.7 | 9439.9 | 310.6 | -45 | 90 | 133.6 | 170.9 | 240 |
| ND064 | 6657.7 | 9439.9 | 310.6 | -45 | 90 | 170.9 | 175.4 | 240 |
| ND064 | 6657.7 | 9439.9 | 310.6 | -45 | 90 | 175.4 | 217.2 | 240 |
| ND065 | 6619.3 | 8646 | 230.7 | -55 | 90 | 21.5 | 38.9 | 110 |
| ND065 | 6619.3 | 8646 | 230.7 | -55 | 90 | 38.9 | 47.3 | 110 |
| ND065 | 6619.3 | 8646 | 230.7 | -55 | 90 | 47.3 | 51.5 | 110 |
| ND065 | 6619.3 | 8646 | 230.7 | -55 | 90 | 51.5 | 61.9 | 110 |
| ND065 | 6619.3 | 8646 | 230.7 | -55 | 90 | 61.9 | 72.4 | 110 |
| ND065 | 6619.3 | 8646 | 230.7 | -55 | 90 | 72.4 | 76.8 | 110 |
| ND065 | 6619.3 | 8646 | 230.7 | -55 | 90 | 76.8 | 88.2 | 110 |
| ND065 | 6619.3 | 8646 | 230.7 | -55 | 90 | 88.2 | 93.73 | 110 |
| ND065 | 6619.3 | 8646 | 230.7 | -55 | 90 | 93.73 | 101 | 110 |
| ND071 | 6723.38 | 9091.14 | 199.24 | -48 | 267.53 | 0 | 12 | 103 |
| ND071 | 6723.38 | 9091.14 | 199.24 | -48 | 267.53 | 12 | 18 | 103 |
| ND071 | 6723.38 | 9091.14 | 199.24 | -48 | 267.53 | 18 | 24.3 | 103 |
| ND072 | 6724.22 | 9348.31 | 215.62 | -42 | 91.18 | 0 | 12.8 | 103 |
| ND072 | 6724.22 | 9348.31 | 215.62 | -42 | 91.18 | 12.8 | 14.9 | 103 |
| ND072 | 6724.22 | 9348.31 | 215.62 | -42 | 91.18 | 14.9 | 93.5 | 103 |
| ND073 | 6748.41 | 9482.47 | 219.36 | -45 | 82.56 | 4.1 | 69.3 | 130 |
| ND073 | 6748.41 | 9482.47 | 219.36 | -45 | 82.56 | 69.3 | 72.4 | 130 |
| ND073 | 6748.41 | 9482.47 | 219.36 | -45 | 82.56 | 72.4 | 81.4 | 130 |
| ND073 | 6748.41 | 9482.47 | 219.36 | -45 | 82.56 | 81.4 | 83.1 | 130 |
| ND073 | 6748.41 | 9482.47 | 219.36 | -45 | 82.56 | 83.1 | 88.7 | 130 |
| ND073 | 6748.41 | 9482.47 | 219.36 | -45 | 82.56 | 88.7 | 92.7 | 130 |
| ND073 | 6748.41 | 9482.47 | 219.36 | -45 | 82.56 | 92.7 | 111.2 | 130 |
| ND076 | 6527.6 | 8590.7 | 178.4 | -37 | 89.6 | 137.1 | 162.6 | 173.1 |
| ND076 | 6527.6 | 8590.7 | 178.4 | -37 | 89.6 | 162.6 | 168.2 | 173.1 |
| ND076 | 6527.6 | 8590.7 | 178.4 | -37 | 89.6 | 168.2 | 173.1 | 173.1 |
| ND077 | 6589 | 8504.1 | 202.7 | -45 | 90.7 | 29.2 | 35.3 | 74.2 |

Table 15 - North Pit Drill Hole Intercepts

| hole_id | x | y | z | dip | azimuth | depth_from | depth_to | max_depth |
|---|---|---|---|---|---|---|---|---|
| ND077 | 6589 | 8504.1 | 202.7 | -45 | 90.7 | 35.3 | 39.2 | 74.2 |
| ND080 | 6590 | 9739.7 | 316.9 | -56.06 | 92.32 | 27.4 | 93.6 | 530 |
| ND080 | 6590 | 9739.7 | 316.9 | -56.06 | 92.32 | 93.6 | 143.6 | 530 |
| ND080 | 6590 | 9739.7 | 316.9 | -56.06 | 92.32 | 260.5 | 264.8 | 530 |
| ND080 | 6590 | 9739.7 | 316.9 | -56.06 | 92.32 | 264.8 | 271.4 | 530 |
| ND080 | 6590 | 9739.7 | 316.9 | -56.06 | 92.32 | 271.4 | 274.1 | 530 |
| ND080 | 6590 | 9739.7 | 316.9 | -56.06 | 92.32 | 274.1 | 300.7 | 530 |
| ND080 | 6590 | 9739.7 | 316.9 | -56.06 | 92.32 | 300.7 | 306 | 530 |
| ND080 | 6590 | 9739.7 | 316.9 | -56.06 | 92.32 | 306 | 422 | 530 |
| ND080 | 6590 | 9739.7 | 316.9 | -56.06 | 92.32 | 422 | 466.1 | 530 |
| ND081 | 6606.1 | 9655.5 | 308.6 | -54 | 89.1 | 115.3 | 129 | 516 |
| ND081 | 6606.1 | 9655.5 | 308.6 | -54 | 89.1 | 129 | 138.5 | 516 |
| ND081 | 6606.1 | 9655.5 | 308.6 | -54 | 89.1 | 192.2 | 212.1 | 516 |
| ND081 | 6606.1 | 9655.5 | 308.6 | -54 | 89.1 | 212.1 | 216.2 | 516 |
| ND081 | 6606.1 | 9655.5 | 308.6 | -54 | 89.1 | 216.2 | 223.2 | 516 |
| ND081 | 6606.1 | 9655.5 | 308.6 | -54 | 89.1 | 223.2 | 227.2 | 516 |
| ND081 | 6606.1 | 9655.5 | 308.6 | -54 | 89.1 | 227.2 | 283.6 | 516 |
| ND081 | 6606.1 | 9655.5 | 308.6 | -54 | 89.1 | 283.6 | 287.4 | 516 |
| ND081 | 6606.1 | 9655.5 | 308.6 | -54 | 89.1 | 287.4 | 314.1 | 516 |
| ND081 | 6606.1 | 9655.5 | 308.6 | -54 | 89.1 | 314.1 | 319.5 | 516 |
| ND081 | 6606.1 | 9655.5 | 308.6 | -54 | 89.1 | 319.5 | 327.7 | 516 |
| ND081 | 6606.1 | 9655.5 | 308.6 | -54 | 89.1 | 327.7 | 342.7 | 516 |
| ND081 | 6606.1 | 9655.5 | 308.6 | -54 | 89.1 | 342.7 | 345.7 | 516 |
| ND081 | 6606.1 | 9655.5 | 308.6 | -54 | 89.1 | 345.7 | 412.11 | 516 |
| ND081 | 6606.1 | 9655.5 | 308.6 | -54 | 89.1 | 412.11 | 412.7 | 516 |
| ND082 | 6886.5 | 9189.9 | 287.3 | -57 | 271.7 | 184.7 | 204.4 | 407.7 |
| ND082 | 6886.5 | 9189.9 | 287.3 | -57 | 271.7 | 204.4 | 208.5 | 407.7 |
| ND082 | 6886.5 | 9189.9 | 287.3 | -57 | 271.7 | 208.5 | 212.5 | 407.7 |
| ND082 | 6886.5 | 9189.9 | 287.3 | -57 | 271.7 | 212.5 | 220.6 | 407.7 |
| ND082 | 6886.5 | 9189.9 | 287.3 | -57 | 271.7 | 220.6 | 224.7 | 407.7 |
| ND082 | 6886.5 | 9189.9 | 287.3 | -57 | 271.7 | 224.7 | 230.7 | 407.7 |
| ND082 | 6886.5 | 9189.9 | 287.3 | -57 | 271.7 | 230.7 | 247.8 | 407.7 |
| ND082 | 6886.5 | 9189.9 | 287.3 | -57 | 271.7 | 247.8 | 254.8 | 407.7 |
| ND082 | 6886.5 | 9189.9 | 287.3 | -57 | 271.7 | 298.6 | 327.3 | 407.7 |
| ND083 | 6584.2 | 9352.3 | 279.5 | -60 | 92.1 | 294.6 | 297.6 | 525.7 |
| ND083 | 6584.2 | 9352.3 | 279.5 | -60 | 92.1 | 297.6 | 316.9 | 525.7 |
| ND083 | 6584.2 | 9352.3 | 279.5 | -60 | 92.1 | 316.9 | 331.6 | 525.7 |
| ND083 | 6584.2 | 9352.3 | 279.5 | -60 | 92.1 | 331.6 | 350.3 | 525.7 |
| ND083 | 6584.2 | 9352.3 | 279.5 | -60 | 92.1 | 350.3 | 395.5 | 525.7 |
| ND083 | 6584.2 | 9352.3 | 279.5 | -60 | 92.1 | 395.5 | 402.13 | 525.7 |

Table 15 - North Pit Drill Hole Intercepts

| hole_id | x | y | z | dip | azimuth | depth_from | depth_to | max_depth |
|---|---|---|---|---|---|---|---|---|
| ND083 | 6584.2 | 9352.3 | 279.5 | -60 | 92.1 | 402.13 | 417.9 | 525.7 |
| ND083 | 6584.2 | 9352.3 | 279.5 | -60 | 92.1 | 417.9 | 422.1 | 525.7 |
| ND083 | 6584.2 | 9352.3 | 279.5 | -60 | 92.1 | 422.1 | 457.4 | 525.7 |
| ND083 | 6584.2 | 9352.3 | 279.5 | -60 | 92.1 | 457.4 | 459.8 | 525.7 |
| ND083 | 6584.2 | 9352.3 | 279.5 | -60 | 92.1 | 459.8 | 472.4 | 525.7 |
| ND085 | 6559.2 | 9529.9 | 292.8 | -49 | 89.3 | 156.3 | 170.9 | 550 |
| ND085 | 6559.2 | 9529.9 | 292.8 | -49 | 89.3 | 232.1 | 260.7 | 550 |
| ND085 | 6559.2 | 9529.9 | 292.8 | -49 | 89.3 | 260.7 | 268.9 | 550 |
| ND085 | 6559.2 | 9529.9 | 292.8 | -49 | 89.3 | 268.9 | 315.3 | 550 |
| ND085 | 6559.2 | 9529.9 | 292.8 | -49 | 89.3 | 315.3 | 317.2 | 550 |
| ND085 | 6559.2 | 9529.9 | 292.8 | -49 | 89.3 | 317.2 | 339.2 | 550 |
| ND085 | 6559.2 | 9529.9 | 292.8 | -49 | 89.3 | 339.2 | 340.4 | 550 |
| ND085 | 6559.2 | 9529.9 | 292.8 | -49 | 89.3 | 340.4 | 369.2 | 550 |
| ND085 | 6559.2 | 9529.9 | 292.8 | -49 | 89.3 | 369.2 | 371 | 550 |
| ND085 | 6559.2 | 9529.9 | 292.8 | -49 | 89.3 | 371 | 416 | 550 |
| ND085 | 6559.2 | 9529.9 | 292.8 | -49 | 89.3 | 416 | 417.3 | 550 |
| ND085 | 6559.2 | 9529.9 | 292.8 | -49 | 89.3 | 417.3 | 432.2 | 550 |
| ND086 | 6596.2 | 9794.8 | 323.3 | -55 | 77.65 | 67.8 | 91.8 | 433.1 |
| ND086 | 6596.2 | 9794.8 | 323.3 | -55 | 77.65 | 274.3 | 291.5 | 433.1 |
| ND086 | 6596.2 | 9794.8 | 323.3 | -55 | 77.65 | 291.5 | 293.5 | 433.1 |
| ND086 | 6596.2 | 9794.8 | 323.3 | -55 | 77.65 | 293.5 | 316.5 | 433.1 |
| ND086 | 6596.2 | 9794.8 | 323.3 | -55 | 77.65 | 316.5 | 337.5 | 433.1 |
| ND086 | 6596.2 | 9794.8 | 323.3 | -55 | 77.65 | 337.5 | 346.5 | 433.1 |
| ND086 | 6596.2 | 9794.8 | 323.3 | -55 | 77.65 | 346.5 | 360.8 | 433.1 |
| ND086 | 6596.2 | 9794.8 | 323.3 | -55 | 77.65 | 360.8 | 364.4 | 433.1 |
| ND086 | 6596.2 | 9794.8 | 323.3 | -55 | 77.65 | 364.4 | 377.3 | 433.1 |
| ND089 | 6612.1 | 8698.6 | 230.5 | -51 | 135.3 | 114.3 | 117.3 | 340.1 |
| ND089 | 6612.1 | 8698.6 | 230.5 | -51 | 135.3 | 117.3 | 118.5 | 340.1 |
| ND089 | 6612.1 | 8698.6 | 230.5 | -51 | 135.3 | 118.5 | 121.4 | 340.1 |
| ND089 | 6612.1 | 8698.6 | 230.5 | -51 | 135.3 | 121.4 | 128.2 | 340.1 |
| ND089 | 6612.1 | 8698.6 | 230.5 | -51 | 135.3 | 128.2 | 132.3 | 340.1 |
| ND089 | 6612.1 | 8698.6 | 230.5 | -51 | 135.3 | 132.3 | 132.83 | 340.1 |
| ND089 | 6612.1 | 8698.6 | 230.5 | -51 | 135.3 | 132.83 | 142.8 | 340.1 |
| ND094 | 6750.5 | 8944.6 | 207.5 | -40 | 270 | 65 | 94 | 210 |
| ND094 | 6750.5 | 8944.6 | 207.5 | -40 | 270 | 115.8 | 150 | 210 |
| ND096 | 6781.4 | 9090.7 | 193.5 | -60 | 270 | 70.6 | 98.27 | 185.1 |
| ND096 | 6781.4 | 9090.7 | 193.5 | -60 | 270 | 98.27 | 129.87 | 185.1 |
| ND096 | 6781.4 | 9090.7 | 193.5 | -60 | 270 | 129.87 | 132 | 185.1 |
| ND096 | 6781.4 | 9090.7 | 193.5 | -60 | 270 | 132 | 136 | 185.1 |
| ND097 | 6753.5 | 8889.9 | 213.8 | -65 | 270 | 92.9 | 132.1 | 257.5 |

Table 15 - North Pit Drill Hole Intercepts

| hole_id | x | y | z | dip | azimuth | depth_from | depth_to | max_depth |
|---|---|---|---|---|---|---|---|---|
| ND097 | 6753.5 | 8889.9 | 213.8 | -65 | 270 | 132.1 | 139.9 | 257.5 |
| ND097 | 6753.5 | 8889.9 | 213.8 | -65 | 270 | 139.9 | 149.9 | 257.5 |
| ND097 | 6753.5 | 8889.9 | 213.8 | -65 | 270 | 149.9 | 183.9 | 257.5 |
| ND097 | 6753.5 | 8889.9 | 213.8 | -65 | 270 | 183.9 | 189.3 | 257.5 |
| ND097 | 6753.5 | 8889.9 | 213.8 | -65 | 270 | 202 | 213.3 | 257.5 |
| ND098 | 6743.3 | 8839.8 | 216.8 | -58 | 270 | 80 | 92 | 205.7 |
| ND098 | 6743.3 | 8839.8 | 216.8 | -58 | 270 | 92 | 96.7 | 205.7 |
| ND098 | 6743.3 | 8839.8 | 216.8 | -58 | 270 | 96.7 | 107.8 | 205.7 |
| ND098 | 6743.3 | 8839.8 | 216.8 | -58 | 270 | 107.8 | 118.2 | 205.7 |
| ND098 | 6743.3 | 8839.8 | 216.8 | -58 | 270 | 118.2 | 120.5 | 205.7 |
| ND098 | 6743.3 | 8839.8 | 216.8 | -58 | 270 | 120.5 | 132.9 | 205.7 |
| ND099 | 6714.2 | 8739.9 | 225.5 | -65 | 270 | 63.6 | 77.33 | 137 |
| ND099 | 6714.2 | 8739.9 | 225.5 | -65 | 270 | 77.33 | 81.3 | 137 |
| ND099 | 6714.2 | 8739.9 | 225.5 | -65 | 270 | 81.3 | 94.4 | 137 |
| ND099 | 6714.2 | 8739.9 | 225.5 | -65 | 270 | 94.4 | 102.5 | 137 |
| ND099 | 6714.2 | 8739.9 | 225.5 | -65 | 270 | 102.5 | 105.1 | 137 |
| ND099 | 6714.2 | 8739.9 | 225.5 | -65 | 270 | 105.1 | 106.4 | 137 |
| ND099 | 6714.2 | 8739.9 | 225.5 | -65 | 270 | 106.4 | 111.3 | 137 |
| ND100 | 6583.9 | 8639.6 | 234 | -65 | 90 | 175.8 | 188.1 | 214.7 |
| ND100 | 6583.9 | 8639.6 | 234 | -65 | 90 | 188.1 | 197.8 | 214.7 |
| ND100 | 6583.9 | 8639.6 | 234 | -65 | 90 | 197.8 | 205.1 | 214.7 |
| ND100 | 6583.9 | 8639.6 | 234 | -65 | 90 | 205.1 | 214.7 | 214.7 |
| ND101 | 6543.3 | 8521.2 | 198.1 | -49 | 71 | 145 | 161.8 | 235 |
| ND101 | 6543.3 | 8521.2 | 198.1 | -49 | 71 | 161.8 | 169.47 | 235 |
| ND101 | 6543.3 | 8521.2 | 198.1 | -49 | 71 | 169.47 | 169.5 | 235 |
| ND101 | 6543.3 | 8521.2 | 198.1 | -49 | 71 | 169.5 | 175.6 | 235 |
| ND101 | 6543.3 | 8521.2 | 198.1 | -49 | 71 | 175.6 | 187.9 | 235 |
| ND101 | 6543.3 | 8521.2 | 198.1 | -49 | 71 | 187.9 | 197.9 | 235 |
| ND101 | 6543.3 | 8521.2 | 198.1 | -49 | 71 | 197.9 | 220.5 | 235 |
| ND103 | 6640.5 | 8590.2 | 210.8 | -50 | 90 | 0 | 4 | 100 |
| ND103 | 6640.5 | 8590.2 | 210.8 | -50 | 90 | 4 | 10 | 100 |
| ND103 | 6640.5 | 8590.2 | 210.8 | -50 | 90 | 10 | 12 | 100 |
| ND103 | 6640.5 | 8590.2 | 210.8 | -50 | 90 | 12 | 18 | 100 |
| ND103 | 6640.5 | 8590.2 | 210.8 | -50 | 90 | 18 | 20 | 100 |
| ND103 | 6640.5 | 8590.2 | 210.8 | -50 | 90 | 20 | 38 | 100 |
| ND104 | 6644.89 | 8675.2 | 212 | -60 | 90 | 0 | 10 | 87 |
| ND104 | 6644.89 | 8675.2 | 212 | -60 | 90 | 10 | 20 | 87 |
| ND104 | 6644.89 | 8675.2 | 212 | -60 | 90 | 20 | 26 | 87 |
| ND104 | 6644.89 | 8675.2 | 212 | -60 | 90 | 26 | 30 | 87 |
| ND104 | 6644.89 | 8675.2 | 212 | -60 | 90 | 30 | 68 | 87 |

Table 15 - North Pit Drill Hole Intercepts

| hole_id | x | y | z | dip | azimuth | depth_from | depth_to | max_depth |
|---|---|---|---|---|---|---|---|---|
| ND104 | 6644.89 | 8675.2 | 212 | -60 | 90 | 68 | 74 | 87 |
| ND104 | 6644.89 | 8675.2 | 212 | -60 | 90 | 74 | 87 | 87 |
| ND106 | 6790.1 | 9798.09 | 352.5 | -60 | 270 | 74 | 78 | 100 |
| ND108 | 6645.5 | 9800.4 | 330.29 | -60 | 95 | 0 | 16 | 60 |
| ND109 | 6643.89 | 9799.9 | 330.2 | -60 | 178 | 0 | 78 | 78 |
| ND110 | 6652 | 9750.2 | 330.6 | -60 | 270 | 28 | 90 | 100 |
| ND111 | 6659.7 | 9749.79 | 330.7 | -60 | 5 | 36 | 100 | 100 |
| ND200101 | 6947.4 | 9789.62 | 341.89 | -51.29 | 267.44 | 214.4 | 233.9 | 370 |
| ND200101 | 6947.4 | 9789.62 | 341.89 | -51.29 | 267.44 | 233.9 | 238.9 | 370 |
| ND200101 | 6947.4 | 9789.62 | 341.89 | -51.29 | 267.44 | 238.9 | 242.24 | 370 |
| ND200101 | 6947.4 | 9789.62 | 341.89 | -51.29 | 267.44 | 242.24 | 250.8 | 370 |
| ND200101 | 6947.4 | 9789.62 | 341.89 | -51.29 | 267.44 | 250.8 | 264.9 | 370 |
| ND200101 | 6947.4 | 9789.62 | 341.89 | -51.29 | 267.44 | 264.9 | 273.9 | 370 |
| ND200101 | 6947.4 | 9789.62 | 341.89 | -51.29 | 267.44 | 273.9 | 300.1 | 370 |
| ND200102 | 6719.181 | 9390.033 | 119.063 | -59.042 | 269.122 | 0 | 9.6 | 162.4 |
| ND200102 | 6719.181 | 9390.033 | 119.063 | -59.042 | 269.122 | 78.4 | 87.9 | 162.4 |
| ND200103 | 6720.854 | 9390.135 | 119.189 | -54.912 | 86.295 | 0 | 10.3 | 185 |
| ND200103 | 6720.854 | 9390.135 | 119.189 | -54.912 | 86.295 | 10.3 | 37.5 | 185 |
| ND200103 | 6720.854 | 9390.135 | 119.189 | -54.912 | 86.295 | 37.5 | 42.8 | 185 |
| ND200103 | 6720.854 | 9390.135 | 119.189 | -54.912 | 86.295 | 42.8 | 53.8 | 185 |
| ND200103 | 6720.854 | 9390.135 | 119.189 | -54.912 | 86.295 | 53.8 | 96.8 | 185 |
| ND200103 | 6720.854 | 9390.135 | 119.189 | -54.912 | 86.295 | 96.8 | 98.82 | 185 |
| ND200103 | 6720.854 | 9390.135 | 119.189 | -54.912 | 86.295 | 98.82 | 115.7 | 185 |
| ND200103 | 6720.854 | 9390.135 | 119.189 | -54.912 | 86.295 | 115.7 | 117.78 | 185 |
| ND200103 | 6720.854 | 9390.135 | 119.189 | -54.912 | 86.295 | 117.78 | 140.5 | 185 |
| ND200103 | 6720.854 | 9390.135 | 119.189 | -54.912 | 86.295 | 140.5 | 146.8 | 185 |
| ND200103 | 6720.854 | 9390.135 | 119.189 | -54.912 | 86.295 | 146.8 | 168.1 | 185 |
| ND200103 | 6720.854 | 9390.135 | 119.189 | -54.912 | 86.295 | 168.1 | 170.4 | 185 |
| ND200103 | 6720.854 | 9390.135 | 119.189 | -54.912 | 86.295 | 170.4 | 172.4 | 185 |
| ND200104 | 6903.31 | 9836.85 | 341.88 | -55.23 | 270.04 | 198 | 201.7 | 296.2 |
| ND200104 | 6903.31 | 9836.85 | 341.88 | -55.23 | 270.04 | 201.7 | 202.5 | 296.2 |
| ND200104 | 6903.31 | 9836.85 | 341.88 | -55.23 | 270.04 | 202.5 | 225.5 | 296.2 |
| ND200104 | 6903.31 | 9836.85 | 341.88 | -55.23 | 270.04 | 225.5 | 234 | 296.2 |
| ND200104 | 6903.31 | 9836.85 | 341.88 | -55.23 | 270.04 | 234 | 243.2 | 296.2 |
| ND200104 | 6903.31 | 9836.85 | 341.88 | -55.23 | 270.04 | 243.2 | 255.2 | 296.2 |
| ND200104 | 6903.31 | 9836.85 | 341.88 | -55.23 | 270.04 | 255.2 | 256.2 | 296.2 |
| ND200104 | 6903.31 | 9836.85 | 341.88 | -55.23 | 270.04 | 256.2 | 257.3 | 296.2 |
| ND200104 | 6903.31 | 9836.85 | 341.88 | -55.23 | 270.04 | 257.3 | 258.3 | 296.2 |
| ND200104 | 6903.31 | 9836.85 | 341.88 | -55.23 | 270.04 | 258.3 | 263 | 296.2 |
| ND200104 | 6903.31 | 9836.85 | 341.88 | -55.23 | 270.04 | 263 | 285.8 | 296.2 |

Table 15 - North Pit Drill Hole Intercepts

| hole_id | x | y | z | dip | azimuth | depth_from | depth_to | max_depth |
|---|---|---|---|---|---|---|---|---|
| ND200104 | 6903.31 | 9836.85 | 341.88 | -55.23 | 270.04 | 285.8 | 287.7 | 296.2 |
| ND200111 | 6979.676 | 9739.838 | 341.881 | -47.21 | 271.33 | 213 | 221.2 | 380.1 |
| ND200111 | 6979.676 | 9739.838 | 341.881 | -47.21 | 271.33 | 221.2 | 271.3 | 380.1 |
| ND200111 | 6979.676 | 9739.838 | 341.881 | -47.21 | 271.33 | 271.3 | 277.3 | 380.1 |
| ND200111 | 6979.676 | 9739.838 | 341.881 | -47.21 | 271.33 | 277.3 | 278.1 | 380.1 |
| ND200111 | 6979.676 | 9739.838 | 341.881 | -47.21 | 271.33 | 278.1 | 283.3 | 380.1 |
| ND200111 | 6979.676 | 9739.838 | 341.881 | -47.21 | 271.33 | 283.3 | 304.4 | 380.1 |
| ND200111 | 6979.676 | 9739.838 | 341.881 | -47.21 | 271.33 | 304.4 | 313.1 | 380.1 |
| ND200111 | 6979.676 | 9739.838 | 341.881 | -47.21 | 271.33 | 313.1 | 315.1 | 380.1 |
| ND200111 | 6979.676 | 9739.838 | 341.881 | -47.21 | 271.33 | 315.1 | 326.5 | 380.1 |
| ND200111 | 6979.676 | 9739.838 | 341.881 | -47.21 | 271.33 | 326.5 | 331 | 380.1 |
| ND200111 | 6979.676 | 9739.838 | 341.881 | -47.21 | 271.33 | 331 | 342 | 380.1 |
| ND200111 | 6979.676 | 9739.838 | 341.881 | -47.21 | 271.33 | 342 | 349.7 | 380.1 |
| ND200111 | 6979.676 | 9739.838 | 341.881 | -47.21 | 271.33 | 349.7 | 350.5 | 380.1 |
| NDDH0501 | 6822.06 | 9189.93 | 184.96 | -69 | 268.83 | 102.9 | 110.55 | 483.9 |
| NDDH0501 | 6822.06 | 9189.93 | 184.96 | -69 | 268.83 | 110.55 | 111.8 | 483.9 |
| NDDH0501 | 6822.06 | 9189.93 | 184.96 | -69 | 268.83 | 111.8 | 115.8 | 483.9 |
| NDDH0501 | 6822.06 | 9189.93 | 184.96 | -69 | 268.83 | 115.8 | 125.9 | 483.9 |
| NDDH0501 | 6822.06 | 9189.93 | 184.96 | -69 | 268.83 | 125.9 | 127 | 483.9 |
| NDDH0501 | 6822.06 | 9189.93 | 184.96 | -69 | 268.83 | 127 | 142 | 483.9 |
| NDDH0501 | 6822.06 | 9189.93 | 184.96 | -69 | 268.83 | 142 | 158.7 | 483.9 |
| NDDH0501 | 6822.06 | 9189.93 | 184.96 | -69 | 268.83 | 158.7 | 174.94 | 483.9 |
| NDDH0501 | 6822.06 | 9189.93 | 184.96 | -69 | 268.83 | 174.94 | 176.95 | 483.9 |
| NDDH0501 | 6822.06 | 9189.93 | 184.96 | -69 | 268.83 | 176.95 | 181.5 | 483.9 |
| NDDH0501 | 6822.06 | 9189.93 | 184.96 | -69 | 268.83 | 181.5 | 191.25 | 483.9 |
| NDDH0501 | 6822.06 | 9189.93 | 184.96 | -69 | 268.83 | 191.25 | 206.4 | 483.9 |
| NDDH0501 | 6822.06 | 9189.93 | 184.96 | -69 | 268.83 | 206.4 | 213 | 483.9 |
| NDDH0501 | 6822.06 | 9189.93 | 184.96 | -69 | 268.83 | 213 | 228.45 | 483.9 |
| NDDH0501 | 6822.06 | 9189.93 | 184.96 | -69 | 268.83 | 228.45 | 236.55 | 483.9 |
| NDDH0501 | 6822.06 | 9189.93 | 184.96 | -69 | 268.83 | 236.55 | 243 | 483.9 |
| NDDH0501 | 6822.06 | 9189.93 | 184.96 | -69 | 268.83 | 276.8 | 322 | 483.9 |
| NDDH0503 | 6449.18 | 9540.12 | 260.48 | -59.25 | 90.91 | 435.55 | 436.25 | 783.1 |
| NDDH0503 | 6449.18 | 9540.12 | 260.48 | -59.25 | 90.91 | 541.25 | 544 | 783.1 |
| NDDH0503 | 6449.18 | 9540.12 | 260.48 | -59.25 | 90.91 | 544 | 565.81 | 783.1 |
| NDDH0503 | 6449.18 | 9540.12 | 260.48 | -59.25 | 90.91 | 565.81 | 565.89 | 783.1 |
| NDDH0503 | 6449.18 | 9540.12 | 260.48 | -59.25 | 90.91 | 565.89 | 569.11 | 783.1 |
| NDDH0503 | 6449.18 | 9540.12 | 260.48 | -59.25 | 90.91 | 569.11 | 573.61 | 783.1 |
| NDDH0503 | 6449.18 | 9540.12 | 260.48 | -59.25 | 90.91 | 573.61 | 582.7 | 783.1 |
| NDDH0503 | 6449.18 | 9540.12 | 260.48 | -59.25 | 90.91 | 582.7 | 591.6 | 783.1 |
| NDDH0503 | 6449.18 | 9540.12 | 260.48 | -59.25 | 90.91 | 591.6 | 598 | 783.1 |

Table 15 - North Pit Drill Hole Intercepts

| hole_id | x | y | z | dip | azimuth | depth_from | depth_to | max_depth |
|---|---|---|---|---|---|---|---|---|
| NDDH0503 | 6449.18 | 9540.12 | 260.48 | -59.25 | 90.91 | 598 | 600 | 783.1 |
| NDDH0503 | 6449.18 | 9540.12 | 260.48 | -59.25 | 90.91 | 600 | 635.6 | 783.1 |
| NDDH0503 | 6449.18 | 9540.12 | 260.48 | -59.25 | 90.91 | 635.6 | 641.15 | 783.1 |
| NDDH0503 | 6449.18 | 9540.12 | 260.48 | -59.25 | 90.91 | 641.15 | 664.05 | 783.1 |
| NDDH0503 | 6449.18 | 9540.12 | 260.48 | -59.25 | 90.91 | 664.05 | 669.3 | 783.1 |
| NDDH0503 | 6449.18 | 9540.12 | 260.48 | -59.25 | 90.91 | 669.3 | 684.45 | 783.1 |
| NDDH0503 | 6449.18 | 9540.12 | 260.48 | -59.25 | 90.91 | 684.45 | 693 | 783.1 |
| NDDH0503 | 6449.18 | 9540.12 | 260.48 | -59.25 | 90.91 | 693 | 699.55 | 783.1 |
| NDDH0504 | 6657.56 | 9388.61 | 117.62 | -57.05 | 89.13 | 0 | 6.7 | 333.95 |
| NDDH0504 | 6657.56 | 9388.61 | 117.62 | -57.05 | 89.13 | 129.45 | 168 | 333.95 |
| NDDH0504 | 6657.56 | 9388.61 | 117.62 | -57.05 | 89.13 | 168 | 170 | 333.95 |
| NDDH0504 | 6657.56 | 9388.61 | 117.62 | -57.05 | 89.13 | 170 | 249.83 | 333.95 |
| NDDH0504 | 6657.56 | 9388.61 | 117.62 | -57.05 | 89.13 | 249.83 | 259.3 | 333.95 |
| NDDH0504 | 6657.56 | 9388.61 | 117.62 | -57.05 | 89.13 | 259.3 | 263 | 333.95 |
| NDDH0504 | 6657.56 | 9388.61 | 117.62 | -57.05 | 89.13 | 263 | 267.24 | 333.95 |
| NDDH0504 | 6657.56 | 9388.61 | 117.62 | -57.05 | 89.13 | 267.24 | 304.5 | 333.95 |
| NDDH0504 | 6657.56 | 9388.61 | 117.62 | -57.05 | 89.13 | 304.5 | 305.9 | 333.95 |
| NDDH0504 | 6657.56 | 9388.61 | 117.62 | -57.05 | 89.13 | 305.9 | 315.1 | 333.95 |
| NDDH0505 | 6671.36 | 9485.02 | 111.99 | -53.06 | 91.43 | 56 | 60 | 314.8 |
| NDDH0505 | 6671.36 | 9485.02 | 111.99 | -53.06 | 91.43 | 60 | 64.7 | 314.8 |
| NDDH0505 | 6671.36 | 9485.02 | 111.99 | -53.06 | 91.43 | 64.7 | 99.85 | 314.8 |
| NDDH0505 | 6671.36 | 9485.02 | 111.99 | -53.06 | 91.43 | 99.85 | 103.8 | 314.8 |
| NDDH0505 | 6671.36 | 9485.02 | 111.99 | -53.06 | 91.43 | 103.8 | 202.32 | 314.8 |
| NDDH0505 | 6671.36 | 9485.02 | 111.99 | -53.06 | 91.43 | 202.32 | 204.85 | 314.8 |
| NDDH0505 | 6671.36 | 9485.02 | 111.99 | -53.06 | 91.43 | 204.85 | 245.7 | 314.8 |
| NDDH0505 | 6671.36 | 9485.02 | 111.99 | -53.06 | 91.43 | 245.7 | 248.6 | 314.8 |
| NDDH0505 | 6671.36 | 9485.02 | 111.99 | -53.06 | 91.43 | 248.6 | 259.75 | 314.8 |
| NDDH0506 | 6642.49 | 9292.96 | 126.69 | -59.45 | 92.84 | 64.5 | 100.1 | 351.35 |
| NDDH0506 | 6642.49 | 9292.96 | 126.69 | -59.45 | 92.84 | 146.4 | 170 | 351.35 |
| NDDH0506 | 6642.49 | 9292.96 | 126.69 | -59.45 | 92.84 | 170 | 182 | 351.35 |
| NDDH0506 | 6642.49 | 9292.96 | 126.69 | -59.45 | 92.84 | 182 | 185.9 | 351.35 |
| NDDH0506 | 6642.49 | 9292.96 | 126.69 | -59.45 | 92.84 | 185.9 | 226 | 351.35 |
| NDDH0506 | 6642.49 | 9292.96 | 126.69 | -59.45 | 92.84 | 226 | 244 | 351.35 |
| NDDH0506 | 6642.49 | 9292.96 | 126.69 | -59.45 | 92.84 | 244 | 254.2 | 351.35 |
| NDDH0506 | 6642.49 | 9292.96 | 126.69 | -59.45 | 92.84 | 254.2 | 264 | 351.35 |
| NDDH0506 | 6642.49 | 9292.96 | 126.69 | -59.45 | 92.84 | 264 | 268 | 351.35 |
| NDDH0506 | 6642.49 | 9292.96 | 126.69 | -59.45 | 92.84 | 268 | 293.05 | 351.35 |
| NDDH0506 | 6642.49 | 9292.96 | 126.69 | -59.45 | 92.84 | 293.05 | 298.2 | 351.35 |
| NDDH0506 | 6642.49 | 9292.96 | 126.69 | -59.45 | 92.84 | 298.2 | 337.1 | 351.35 |
| NDDH0506 | 6642.49 | 9292.96 | 126.69 | -59.45 | 92.84 | 337.1 | 349.4 | 351.35 |

Table 15 - North Pit Drill Hole Intercepts

| hole_id | x | y | z | dip | azimuth | depth_from | depth_to | max_depth |
|---|---|---|---|---|---|---|---|---|
| NDDH0507 | 6542.32 | 9734.73 | 241.28 | -54.84 | 94.71 | 302.45 | 341.1 | 560.5 |
| NDDH0507 | 6542.32 | 9734.73 | 241.28 | -54.84 | 94.71 | 341.1 | 342.6 | 560.5 |
| NDDH0507 | 6542.32 | 9734.73 | 241.28 | -54.84 | 94.71 | 342.6 | 382.7 | 560.5 |
| NDDH0507 | 6542.32 | 9734.73 | 241.28 | -54.84 | 94.71 | 382.7 | 384.3 | 560.5 |
| NDDH0507 | 6542.32 | 9734.73 | 241.28 | -54.84 | 94.71 | 384.3 | 401.13 | 560.5 |
| NDDH0507 | 6542.32 | 9734.73 | 241.28 | -54.84 | 94.71 | 401.13 | 410.2 | 560.5 |
| NDDH0507 | 6542.32 | 9734.73 | 241.28 | -54.84 | 94.71 | 410.2 | 476.6 | 560.5 |
| NDDH0507 | 6542.32 | 9734.73 | 241.28 | -54.84 | 94.71 | 476.6 | 484.1 | 560.5 |
| NDDH0507 | 6542.32 | 9734.73 | 241.28 | -54.84 | 94.71 | 484.1 | 486 | 560.5 |
| NDDH0507 | 6542.32 | 9734.73 | 241.28 | -54.84 | 94.71 | 486 | 488 | 560.5 |
| NDDH0507 | 6542.32 | 9734.73 | 241.28 | -54.84 | 94.71 | 488 | 499.7 | 560.5 |
| NDDH0507 | 6542.32 | 9734.73 | 241.28 | -54.84 | 94.71 | 499.7 | 504.6 | 560.5 |
| NDDH0507 | 6542.32 | 9734.73 | 241.28 | -54.84 | 94.71 | 504.6 | 507.3 | 560.5 |
| NDDH0508 | 6455.2 | 9644.22 | 254.94 | -55.45 | 89.55 | 282 | 286 | 477.4 |
| NDDH0508 | 6455.2 | 9644.22 | 254.94 | -55.45 | 89.55 | 292 | 296 | 477.4 |
| NDDH0508 | 6455.2 | 9644.22 | 254.94 | -55.45 | 89.55 | 316 | 348 | 477.4 |
| NDDH0508 | 6455.2 | 9644.22 | 254.94 | -55.45 | 89.55 | 356 | 378 | 477.4 |
| NDDH0508 | 6455.2 | 9644.22 | 254.94 | -55.45 | 89.55 | 436.25 | 446.6 | 477.4 |
| NDDH0508 | 6455.2 | 9644.22 | 254.94 | -55.45 | 89.55 | 455.8 | 460 | 477.4 |
| NDDH0508 | 6455.2 | 9644.22 | 254.94 | -55.45 | 89.55 | 460 | 477.4 | 477.4 |
| NDDH0601 | 6485.09 | 9867.3 | 295.68 | -48.2 | 74.57 | 289.95 | 304.3 | 603.4 |
| NDDH0601 | 6485.09 | 9867.3 | 295.68 | -48.2 | 74.57 | 432 | 526 | 603.4 |
| NDDH0601 | 6485.09 | 9867.3 | 295.68 | -48.2 | 74.57 | 526 | 534 | 603.4 |
| NDDH0602 | 7140.54 | 9954.83 | 352.08 | -45.37 | 267.48 | 472.85 | 478 | 750.1 |
| NDDH0602 | 7140.54 | 9954.83 | 352.08 | -45.37 | 267.48 | 478 | 553.2 | 750.1 |
| NDDH0602 | 7140.54 | 9954.83 | 352.08 | -45.37 | 267.48 | 675.8 | 678 | 750.1 |
| NDDH0602 | 7140.54 | 9954.83 | 352.08 | -45.37 | 267.48 | 686 | 697.5 | 750.1 |
| NDDH0606 | 6615.67 | 9054.26 | 201.85 | -54.06 | 89.134 | 47.6 | 57.4 | 285.5 |
| NDDH0606 | 6615.67 | 9054.26 | 201.85 | -54.06 | 89.134 | 74 | 76.2 | 285.5 |
| NDDH0606 | 6615.67 | 9054.26 | 201.85 | -54.06 | 89.134 | 158 | 164.7 | 285.5 |
| NDDH0606 | 6615.67 | 9054.26 | 201.85 | -54.06 | 89.134 | 164.7 | 182.6 | 285.5 |
| NDDH0606 | 6615.67 | 9054.26 | 201.85 | -54.06 | 89.134 | 182.6 | 188.2 | 285.5 |
| NDDH0606 | 6615.67 | 9054.26 | 201.85 | -54.06 | 89.134 | 188.2 | 211.1 | 285.5 |
| NDDH0606 | 6615.67 | 9054.26 | 201.85 | -54.06 | 89.134 | 211.1 | 216.9 | 285.5 |
| NDDH0606 | 6615.67 | 9054.26 | 201.85 | -54.06 | 89.134 | 216.9 | 240.6 | 285.5 |
| NDDH0606 | 6615.67 | 9054.26 | 201.85 | -54.06 | 89.134 | 240.6 | 243.4 | 285.5 |
| NDDH0606 | 6615.67 | 9054.26 | 201.85 | -54.06 | 89.134 | 243.4 | 275.5 | 285.5 |
| NDDH0607 | 6606.536 | 8991.057 | 206.8 | -56.25 | 88.54 | 29.9 | 64.2 | 317.5 |
| NDDH0607 | 6606.536 | 8991.057 | 206.8 | -56.25 | 88.54 | 91.9 | 106.5 | 317.5 |
| NDDH0607 | 6606.536 | 8991.057 | 206.8 | -56.25 | 88.54 | 247.9 | 268.06 | 317.5 |

Table 15 - North Pit Drill Hole Intercepts

| hole_id | x | y | z | dip | azimuth | depth_from | depth_to | max_depth |
|---|---|---|---|---|---|---|---|---|
| NDDH0607 | 6606.536 | 8991.057 | 206.8 | -56.25 | 88.54 | 268.06 | 317.5 | 317.5 |
| NDDH0608 | 6666.98 | 9641.15 | 127.82 | -55.11 | 270.91 | 0 | 20 | 107.3 |
| NDDH0608 | 6666.98 | 9641.15 | 127.82 | -55.11 | 270.91 | 36 | 58 | 107.3 |
| NDDH0608 | 6666.98 | 9641.15 | 127.82 | -55.11 | 270.91 | 71 | 75 | 107.3 |
| NDDH0608 | 6666.98 | 9641.15 | 127.82 | -55.11 | 270.91 | 101 | 105.8 | 107.3 |
| NDDH0609 | 6670.324 | 9591.288 | 122.01 | -55.19 | 273.94 | 15.7 | 30.25 | 201.5 |
| NDDH0609 | 6670.324 | 9591.288 | 122.01 | -55.19 | 273.94 | 54 | 63 | 201.5 |
| NDDH0609 | 6670.324 | 9591.288 | 122.01 | -55.19 | 273.94 | 88.5 | 98.6 | 201.5 |
| NDDH0609 | 6670.324 | 9591.288 | 122.01 | -55.19 | 273.94 | 141.8 | 148 | 201.5 |
| NDDH0610 | 6672.043 | 9586.944 | 122.079 | -54.81 | 230.42 | 3.2 | 6.4 | 130.5 |
| NDDH0610 | 6672.043 | 9586.944 | 122.079 | -54.81 | 230.42 | 40 | 56 | 130.5 |
| NDDH0610 | 6672.043 | 9586.944 | 122.079 | -54.81 | 230.42 | 84.7 | 88 | 130.5 |
| NDDH0611 | 6698.912 | 9464.161 | 110.782 | -55.81 | 296.06 | 71.5 | 85 | 181.5 |
| NDDH0611 | 6698.912 | 9464.161 | 110.782 | -55.81 | 296.06 | 121.9 | 124.1 | 181.5 |
| NDDH0612 | 6697.271 | 9461.92 | 110.766 | -55.51 | 260.62 | 61.9 | 66.8 | 146.6 |
| NDDH0612 | 6697.271 | 9461.92 | 110.766 | -55.51 | 260.62 | 93.5 | 127.65 | 146.6 |
| NDDH0613 | 6670.637 | 9648.64 | 128.377 | -53.09 | 92.11 | 2.7 | 3.75 | 315.5 |
| NDDH0613 | 6670.637 | 9648.64 | 128.377 | -53.09 | 92.11 | 17 | 19 | 315.5 |
| NDDH0613 | 6670.637 | 9648.64 | 128.377 | -53.09 | 92.11 | 59.9 | 94.7 | 315.5 |
| NDDH0613 | 6670.637 | 9648.64 | 128.377 | -53.09 | 92.11 | 94.7 | 94.9 | 315.5 |
| NDDH0613 | 6670.637 | 9648.64 | 128.377 | -53.09 | 92.11 | 94.9 | 134.1 | 315.5 |
| NDDH0613 | 6670.637 | 9648.64 | 128.377 | -53.09 | 92.11 | 134.1 | 139.45 | 315.5 |
| NDDH0613 | 6670.637 | 9648.64 | 128.377 | -53.09 | 92.11 | 139.45 | 142 | 315.5 |
| NDDH0613 | 6670.637 | 9648.64 | 128.377 | -53.09 | 92.11 | 142 | 148 | 315.5 |
| NDDH0613 | 6670.637 | 9648.64 | 128.377 | -53.09 | 92.11 | 148 | 149 | 315.5 |
| NDDH0613 | 6670.637 | 9648.64 | 128.377 | -53.09 | 92.11 | 149 | 159 | 315.5 |
| NDDH0613 | 6670.637 | 9648.64 | 128.377 | -53.09 | 92.11 | 159 | 196.5 | 315.5 |
| NDDH0613 | 6670.637 | 9648.64 | 128.377 | -53.09 | 92.11 | 196.5 | 197.1 | 315.5 |
| NDDH0613 | 6670.637 | 9648.64 | 128.377 | -53.09 | 92.11 | 197.1 | 209.2 | 315.5 |
| NDDH0613 | 6670.637 | 9648.64 | 128.377 | -53.09 | 92.11 | 209.2 | 213.9 | 315.5 |
| NDDH0613 | 6670.637 | 9648.64 | 128.377 | -53.09 | 92.11 | 213.9 | 222.7 | 315.5 |
| NDDH0613 | 6670.637 | 9648.64 | 128.377 | -53.09 | 92.11 | 222.7 | 226.5 | 315.5 |
| NDDH0613 | 6670.637 | 9648.64 | 128.377 | -53.09 | 92.11 | 226.5 | 233.1 | 315.5 |
| NDDH0613 | 6670.637 | 9648.64 | 128.377 | -53.09 | 92.11 | 233.1 | 271.5 | 315.5 |
| NDDH0613 | 6670.637 | 9648.64 | 128.377 | -53.09 | 92.11 | 271.5 | 273.05 | 315.5 |
| NDDH0613 | 6670.637 | 9648.64 | 128.377 | -53.09 | 92.11 | 273.05 | 280.7 | 315.5 |
| NDDH0613 | 6670.637 | 9648.64 | 128.377 | -53.09 | 92.11 | 280.7 | 294.3 | 315.5 |
| NDDH0614 | 6810.811 | 8995.886 | 207.939 | -52.63 | 250.37 | 127.1 | 135.35 | 276.3 |
| NDDH0614 | 6810.811 | 8995.886 | 207.939 | -52.63 | 250.37 | 135.35 | 137.05 | 276.3 |
| NDDH0614 | 6810.811 | 8995.886 | 207.939 | -52.63 | 250.37 | 137.05 | 138.65 | 276.3 |

Table 15 - North Pit Drill Hole Intercepts

| hole_id | x | y | z | dip | azimuth | depth_from | depth_to | max_depth |
|---|---|---|---|---|---|---|---|---|
| NDDH0614 | 6810.811 | 8995.886 | 207.939 | -52.63 | 250.37 | 138.65 | 139.9 | 276.3 |
| NDDH0614 | 6810.811 | 8995.886 | 207.939 | -52.63 | 250.37 | 139.9 | 149.2 | 276.3 |
| NDDH0614 | 6810.811 | 8995.886 | 207.939 | -52.63 | 250.37 | 149.2 | 152.8 | 276.3 |
| NDDH0614 | 6810.811 | 8995.886 | 207.939 | -52.63 | 250.37 | 152.8 | 169 | 276.3 |
| NDDH0614 | 6810.811 | 8995.886 | 207.939 | -52.63 | 250.37 | 169 | 170.95 | 276.3 |
| NDDH0614 | 6810.811 | 8995.886 | 207.939 | -52.63 | 250.37 | 170.95 | 191.6 | 276.3 |
| NDDH0614 | 6810.811 | 8995.886 | 207.939 | -52.63 | 250.37 | 191.6 | 193 | 276.3 |
| NDDH0614 | 6810.811 | 8995.886 | 207.939 | -52.63 | 250.37 | 222 | 237.75 | 276.3 |
| NDDH0614 | 6810.811 | 8995.886 | 207.939 | -52.63 | 250.37 | 244 | 275 | 276.3 |
| NDDH0615 | 6840.69 | 9083.07 | 197.31 | -63.54 | 313.2 | 147.3 | 150.5 | 263.6 |
| NDDH0615 | 6840.69 | 9083.07 | 197.31 | -63.54 | 313.2 | 150.5 | 154.2 | 263.6 |
| NDDH0615 | 6840.69 | 9083.07 | 197.31 | -63.54 | 313.2 | 154.2 | 164.5 | 263.6 |
| NDDH0615 | 6840.69 | 9083.07 | 197.31 | -63.54 | 313.2 | 164.5 | 165 | 263.6 |
| NDDH0615 | 6840.69 | 9083.07 | 197.31 | -63.54 | 313.2 | 165 | 192 | 263.6 |
| NDDH0615 | 6840.69 | 9083.07 | 197.31 | -63.54 | 313.2 | 192 | 196.1 | 263.6 |
| NDDH0615 | 6840.69 | 9083.07 | 197.31 | -63.54 | 313.2 | 196.1 | 199 | 263.6 |
| NDDH0615 | 6840.69 | 9083.07 | 197.31 | -63.54 | 313.2 | 199 | 201 | 263.6 |
| NDDH0615 | 6840.69 | 9083.07 | 197.31 | -63.54 | 313.2 | 201 | 204.6 | 263.6 |
| NDDH0615 | 6840.69 | 9083.07 | 197.31 | -63.54 | 313.2 | 204.6 | 230.25 | 263.6 |
| NDDH0615 | 6840.69 | 9083.07 | 197.31 | -63.54 | 313.2 | 230.25 | 233.5 | 263.6 |
| NDDH0615 | 6840.69 | 9083.07 | 197.31 | -63.54 | 313.2 | 233.5 | 239.65 | 263.6 |
| NDDH0615 | 6840.69 | 9083.07 | 197.31 | -63.54 | 313.2 | 239.65 | 249.2 | 263.6 |
| NDDH0615 | 6840.69 | 9083.07 | 197.31 | -63.54 | 313.2 | 249.2 | 255.3 | 263.6 |
| NDDH0615 | 6840.69 | 9083.07 | 197.31 | -63.54 | 313.2 | 255.3 | 260.75 | 263.6 |
| NDDH0616 | 6842.9 | 9081.66 | 197.6 | -61.71 | 272.79 | 137 | 141 | 287.7 |
| NDDH0616 | 6842.9 | 9081.66 | 197.6 | -61.71 | 272.79 | 141 | 147 | 287.7 |
| NDDH0616 | 6842.9 | 9081.66 | 197.6 | -61.71 | 272.79 | 147 | 150.8 | 287.7 |
| NDDH0616 | 6842.9 | 9081.66 | 197.6 | -61.71 | 272.79 | 150.8 | 185.5 | 287.7 |
| NDDH0616 | 6842.9 | 9081.66 | 197.6 | -61.71 | 272.79 | 185.5 | 186.9 | 287.7 |
| NDDH0616 | 6842.9 | 9081.66 | 197.6 | -61.71 | 272.79 | 186.9 | 199 | 287.7 |
| NDDH0616 | 6842.9 | 9081.66 | 197.6 | -61.71 | 272.79 | 199 | 201.4 | 287.7 |
| NDDH0616 | 6842.9 | 9081.66 | 197.6 | -61.71 | 272.79 | 201.4 | 202.5 | 287.7 |
| NDDH0616 | 6842.9 | 9081.66 | 197.6 | -61.71 | 272.79 | 202.5 | 204 | 287.7 |
| NDDH0616 | 6842.9 | 9081.66 | 197.6 | -61.71 | 272.79 | 204 | 239.2 | 287.7 |
| NDDH0616 | 6842.9 | 9081.66 | 197.6 | -61.71 | 272.79 | 239.2 | 244.4 | 287.7 |
| NDDH07002 | 6790.43 | 8690.88 | 205.86 | -56.18 | 269.99 | 144.5 | 145.9 | 225.4 |
| NDDH07002 | 6790.43 | 8690.88 | 205.86 | -56.18 | 269.99 | 145.9 | 193 | 225.4 |
| NDDH07002 | 6790.43 | 8690.88 | 205.86 | -56.18 | 269.99 | 193 | 194 | 225.4 |
| NDDH07002 | 6790.43 | 8690.88 | 205.86 | -56.18 | 269.99 | 194 | 195 | 225.4 |
| NDDH07002 | 6790.43 | 8690.88 | 205.86 | -56.18 | 269.99 | 195 | 196 | 225.4 |

Table 15 - North Pit Drill Hole Intercepts

| hole_id | x | y | z | dip | azimuth | depth_from | depth_to | max_depth |
|---|---|---|---|---|---|---|---|---|
| NDDH07002 | 6790.43 | 8690.88 | 205.86 | -56.18 | 269.99 | 196 | 198.8 | 225.4 |
| NDDH07002 | 6790.43 | 8690.88 | 205.86 | -56.18 | 269.99 | 198.8 | 199.3 | 225.4 |
| NDDH07002 | 6790.43 | 8690.88 | 205.86 | -56.18 | 269.99 | 199.3 | 200.8 | 225.4 |
| NDDH07022 | 6767.49 | 8840.53 | 215.75 | -60.26 | 264.85 | 112 | 121 | 243.2 |
| NDDH07022 | 6767.49 | 8840.53 | 215.75 | -60.26 | 264.85 | 121 | 125 | 243.2 |
| NDDH07022 | 6767.49 | 8840.53 | 215.75 | -60.26 | 264.85 | 125 | 147 | 243.2 |
| NDDH07022 | 6767.49 | 8840.53 | 215.75 | -60.26 | 264.85 | 147 | 149.5 | 243.2 |
| NDDH07022 | 6767.49 | 8840.53 | 215.75 | -60.26 | 264.85 | 149.5 | 152 | 243.2 |
| NDDH07022 | 6767.49 | 8840.53 | 215.75 | -60.26 | 264.85 | 152 | 158.1 | 243.2 |
| NDDH07022 | 6767.49 | 8840.53 | 215.75 | -60.26 | 264.85 | 172.77 | 179.74 | 243.2 |
| NDDH07023 | 6810 | 8990 | 203 | -53.23 | 273.46 | 120 | 126.8 | 204.2 |
| NDDH07023 | 6810 | 8990 | 203 | -53.23 | 273.46 | 126.8 | 128.8 | 204.2 |
| NDDH07023 | 6810 | 8990 | 203 | -53.23 | 273.46 | 128.8 | 130.8 | 204.2 |
| NDDH07023 | 6810 | 8990 | 203 | -53.23 | 273.46 | 130.8 | 168.5 | 204.2 |
| NDDH07023 | 6810 | 8990 | 203 | -53.23 | 273.46 | 168.5 | 170.5 | 204.2 |
| NDDH07023 | 6810 | 8990 | 203 | -53.23 | 273.46 | 170.5 | 178 | 204.2 |
| NDDH08035 | 6801.999 | 9533.603 | 70.817 | -90 | 0 | 0 | 25 | 25 |
| NDDH09054 | 6709 | 10143.68 | 324.17 | -49.275 | 95.2 | 67.7 | 134.3 | 163.7 |
| NDDH09055 | 6704.64 | 10186.25 | 324.93 | -49.225 | 87.58 | 91.5 | 107 | 149.6 |
| NDDH09055 | 6704.64 | 10186.25 | 324.93 | -49.225 | 87.58 | 107 | 126.6 | 149.6 |
| NDDH09056 | 6712.029 | 10041.17 | 320.244 | -59.3 | 97.34 | 49.8 | 54.2 | 118.4 |
| NDDH09056 | 6712.029 | 10041.17 | 320.244 | -59.3 | 97.34 | 89.8 | 105.1 | 118.4 |
| NDDH09056 | 6712.029 | 10041.17 | 320.244 | -59.3 | 97.34 | 105.1 | 110.6 | 118.4 |
| NDDH09063 | 6872.747 | 10275.956 | 334.552 | -49.1 | 285.19 | 189.7 | 192.6 | 259.5 |
| NDDH09063 | 6872.747 | 10275.956 | 334.552 | -49.1 | 285.19 | 192.6 | 195.5 | 259.5 |
| NDDH09064 | 6630.287 | 9990.097 | 297.587 | -50 | 92.24 | 40 | 67.85 | 349.3 |
| NDDH09064 | 6630.287 | 9990.097 | 297.587 | -50 | 92.24 | 172 | 180 | 349.3 |
| NDDH09064 | 6630.287 | 9990.097 | 297.587 | -50 | 92.24 | 219 | 233 | 349.3 |
| NDDH09065 | 6945.092 | 9939.886 | 322.072 | -50.67 | 270.57 | 257.25 | 285 | 329.2 |
| NDDH09065 | 6945.092 | 9939.886 | 322.072 | -50.67 | 270.57 | 285 | 298.5 | 329.2 |
| NDDH10066 | 6940.798 | 10040.789 | 322.719 | -52.7 | 264.3 | 225 | 250 | 368.5 |
| NDDH10066 | 6940.798 | 10040.789 | 322.719 | -52.7 | 264.3 | 250 | 253.1 | 368.5 |
| NDDH10066 | 6940.798 | 10040.789 | 322.719 | -52.7 | 264.3 | 298 | 300.5 | 368.5 |
| NDDH10067 | 6621.28 | 10139.979 | 306.086 | -47.59 | 95.374 | 79 | 112 | 296.3 |
| NDDH10067 | 6621.28 | 10139.979 | 306.086 | -47.59 | 95.374 | 201.51 | 202.9 | 296.3 |
| NDDH10067 | 6621.28 | 10139.979 | 306.086 | -47.59 | 95.374 | 226 | 228 | 296.3 |
| NDDH10067 | 6621.28 | 10139.979 | 306.086 | -47.59 | 95.374 | 228 | 262.15 | 296.3 |
| NDDH10067 | 6621.28 | 10139.979 | 306.086 | -47.59 | 95.374 | 262.15 | 264.9 | 296.3 |
| NDDH10068 | 6686.573 | 10089.867 | 290.077 | -49.68 | 88.55 | 80.91 | 82 | 206.5 |
| NDDH10068 | 6686.573 | 10089.867 | 290.077 | -49.68 | 88.55 | 84.5 | 87.7 | 206.5 |

Table 15 - North Pit Drill Hole Intercepts

| hole_id | x | y | z | dip | azimuth | depth_from | depth_to | max_depth |
|---|---|---|---|---|---|---|---|---|
| NDDH10068 | 6686.573 | 10089.867 | 290.077 | -49.68 | 88.55 | 87.7 | 90 | 206.5 |
| NDDH10068 | 6686.573 | 10089.867 | 290.077 | -49.68 | 88.55 | 90 | 126 | 206.5 |
| NDDH10068 | 6686.573 | 10089.867 | 290.077 | -49.68 | 88.55 | 126 | 129 | 206.5 |
| NDDH10068 | 6686.573 | 10089.867 | 290.077 | -49.68 | 88.55 | 129 | 148.7 | 206.5 |
| NDDH10068 | 6686.573 | 10089.867 | 290.077 | -49.68 | 88.55 | 148.7 | 167.6 | 206.5 |
| NDDH10069 | 6707.544 | 9939.829 | 275.308 | -50.63 | 93.55 | 61.55 | 62.7 | 177.8 |
| NDDH10069 | 6707.544 | 9939.829 | 275.308 | -50.63 | 93.55 | 62.7 | 80.5 | 177.8 |
| NDDH10070 | 6894.271 | 10036.886 | 306.162 | -49.75 | 295.18 | 148.9 | 180.7 | 295.1 |
| NDDH10070 | 6894.271 | 10036.886 | 306.162 | -49.75 | 295.18 | 180.7 | 210.3 | 295.1 |
| NDDH10070 | 6894.271 | 10036.886 | 306.162 | -49.75 | 295.18 | 210.3 | 234.6 | 295.1 |
| NDDH10070 | 6894.271 | 10036.886 | 306.162 | -49.75 | 295.18 | 234.6 | 242 | 295.1 |
| NDDH10070 | 6894.271 | 10036.886 | 306.162 | -49.75 | 295.18 | 242 | 247.15 | 295.1 |
| NDDH10070 | 6894.271 | 10036.886 | 306.162 | -49.75 | 295.18 | 258.4 | 260.34 | 295.1 |
| NDDH10071 | 7014.83 | 10126.39 | 335.62 | -52.5 | 254.03 | 373.2 | 406.8 | 510 |
| NDDH10071 | 7014.83 | 10126.39 | 335.62 | -52.5 | 254.03 | 406.8 | 408.25 | 510 |
| NDDH10071 | 7014.83 | 10126.39 | 335.62 | -52.5 | 254.03 | 478.4 | 486.7 | 510 |
| NMAP08010 | 6529.13 | 9085.66 | 190 | 0 | 87.6 | 99.52 | 111.39 | 136 |
| NP2018_05 | 6779.406 | 9882.194 | 32.673 | -48.47 | 259.5 | 0 | 0.5 | 292.5 |
| NP2018_05 | 6779.406 | 9882.194 | 32.673 | -48.47 | 259.5 | 0.5 | 3.5 | 292.5 |
| NP2018_05 | 6779.406 | 9882.194 | 32.673 | -48.47 | 259.5 | 3.5 | 70 | 292.5 |
| NP2018_05 | 6779.406 | 9882.194 | 32.673 | -48.47 | 259.5 | 77 | 81 | 292.5 |
| NP2018_05 | 6779.406 | 9882.194 | 32.673 | -48.47 | 259.5 | 223.98 | 225.4 | 292.5 |
| NP2018_05 | 6779.406 | 9882.194 | 32.673 | -48.47 | 259.5 | 241.94 | 255.95 | 292.5 |
| NP8845 | 6622 | 9141 | 281 | -90 | 0 | 0 | 12 | 12 |
| NP8865 | 6740 | 9215 | 255 | -90 | 0 | 0 | 3 | 3 |
| NPRC07009 | 6719.31 | 9105.78 | 148.24 | -57.876 | 337.203 | 0 | 9 | 72 |
| NPRC07009 | 6719.31 | 9105.78 | 148.24 | -57.876 | 337.203 | 9 | 37 | 72 |
| NPRC07010 | 6716.86 | 9112.73 | 147.41 | -61.841 | 252.096 | 0 | 4 | 71 |
| NPRC07010 | 6716.86 | 9112.73 | 147.41 | -61.841 | 252.096 | 4 | 29 | 71 |
| NPRC07010 | 6716.86 | 9112.73 | 147.41 | -61.841 | 252.096 | 29 | 42 | 71 |
| NPRC07011 | 6716.84 | 9081.36 | 151.2 | -64.572 | 296.1 | 0 | 19 | 70 |
| NPRC07011 | 6716.84 | 9081.36 | 151.2 | -64.572 | 296.1 | 19 | 23.05 | 70 |
| NPRC07011 | 6716.84 | 9081.36 | 151.2 | -64.572 | 296.1 | 23.05 | 26 | 70 |
| NPRC07011 | 6716.84 | 9081.36 | 151.2 | -64.572 | 296.1 | 26 | 39 | 70 |
| NPRC07011 | 6716.84 | 9081.36 | 151.2 | -64.572 | 296.1 | 39 | 50 | 70 |
| NPRC07012 | 6718 | 9077.23 | 151.6 | -53.825 | 251.115 | 0 | 44 | 80 |
| NPRC07012 | 6718 | 9077.23 | 151.6 | -53.825 | 251.115 | 44 | 49 | 80 |
| NPRC07014 | 6703.78 | 9029.5 | 156.09 | -64.757 | 296.175 | 5 | 6.72 | 88 |
| NPRC07014 | 6703.78 | 9029.5 | 156.09 | -64.757 | 296.175 | 6.72 | 14 | 88 |
| NPRC07014 | 6703.78 | 9029.5 | 156.09 | -64.757 | 296.175 | 14 | 15 | 88 |

Table 15 - North Pit Drill Hole Intercepts

| hole_id | x | y | z | dip | azimuth | depth_from | depth_to | max_depth |
|---|---|---|---|---|---|---|---|---|
| NPRC07014 | 6703.78 | 9029.5 | 156.09 | -64.757 | 296.175 | 15 | 17 | 88 |
| NPRC07014 | 6703.78 | 9029.5 | 156.09 | -64.757 | 296.175 | 17 | 18 | 88 |
| NPRC07014 | 6703.78 | 9029.5 | 156.09 | -64.757 | 296.175 | 18 | 26 | 88 |
| NPRC07016 | 6701.35 | 8978.04 | 160.96 | -56.411 | 256.423 | 0 | 7 | 120 |
| NPRC07016 | 6701.35 | 8978.04 | 160.96 | -56.411 | 256.423 | 7 | 11 | 120 |
| NPRC07016 | 6701.35 | 8978.04 | 160.96 | -56.411 | 256.423 | 11 | 56 | 120 |
| NPRC07016 | 6701.35 | 8978.04 | 160.96 | -56.411 | 256.423 | 56 | 57 | 120 |
| NPRC07016 | 6701.35 | 8978.04 | 160.96 | -56.411 | 256.423 | 87 | 94 | 120 |
| NPRC07017 | 6686.57 | 8839.52 | 175.13 | -56.739 | 270.464 | 16 | 17 | 60 |
| NPRC07017 | 6686.57 | 8839.52 | 175.13 | -56.739 | 270.464 | 17 | 25 | 60 |
| NPRC07017 | 6686.57 | 8839.52 | 175.13 | -56.739 | 270.464 | 25 | 37 | 60 |
| NPRC07017 | 6686.57 | 8839.52 | 175.13 | -56.739 | 270.464 | 37 | 49 | 60 |
| NPRC07018 | 6678.09 | 8792.69 | 179.77 | -63.2 | 270.365 | 0 | 17 | 41 |
| NPRC07018 | 6678.09 | 8792.69 | 179.77 | -63.2 | 270.365 | 17 | 18 | 41 |
| NPRC07018 | 6678.09 | 8792.69 | 179.77 | -63.2 | 270.365 | 18 | 40 | 41 |
| NPRC07019 | 6692.85 | 8889.9 | 170.32 | -66.2 | 271.242 | 0 | 15 | 91 |
| NPRC07019 | 6692.85 | 8889.9 | 170.32 | -66.2 | 271.242 | 15 | 25 | 91 |
| NPRC07019 | 6692.85 | 8889.9 | 170.32 | -66.2 | 271.242 | 25 | 37 | 91 |
| NPRC07019 | 6692.85 | 8889.9 | 170.32 | -66.2 | 271.242 | 37 | 40 | 91 |
| NPRC07019 | 6692.85 | 8889.9 | 170.32 | -66.2 | 271.242 | 40 | 71 | 91 |
| NPRC07019 | 6692.85 | 8889.9 | 170.32 | -66.2 | 271.242 | 78 | 79 | 91 |
| NPRC07020 | 6781.54 | 8917.09 | 216.36 | -53.5 | 279.032 | 115 | 119 | 154 |
| NPRC07020 | 6781.54 | 8917.09 | 216.36 | -53.5 | 279.032 | 119 | 143 | 154 |
| NPRC07020 | 6781.54 | 8917.09 | 216.36 | -53.5 | 279.032 | 143 | 144.72 | 154 |
| NPRC07020 | 6781.54 | 8917.09 | 216.36 | -53.5 | 279.032 | 144.72 | 152 | 154 |
| NPRC07021 | 6817.76 | 8889.58 | 218.09 | -59.748 | 266.562 | 166 | 168 | 195 |
| NPRC07021 | 6817.76 | 8889.58 | 218.09 | -59.748 | 266.562 | 168 | 170 | 195 |
| NPRC07021 | 6817.76 | 8889.58 | 218.09 | -59.748 | 266.562 | 170 | 176 | 195 |
| NPRC07021 | 6817.76 | 8889.58 | 218.09 | -59.748 | 266.562 | 176 | 195 | 195 |
| NPRC09039 | 6713.8 | 9000.85 | 140.1 | -50.52 | 273.15 | 7 | 9 | 40 |
| NPRC09039 | 6713.8 | 9000.85 | 140.1 | -50.52 | 273.15 | 9 | 14 | 40 |
| NPRC09039 | 6713.8 | 9000.85 | 140.1 | -50.52 | 273.15 | 14 | 35 | 40 |
| NPRC09040 | 6709.82 | 8991.8 | 139.72 | -49.11 | 274.26 | 6 | 19 | 60 |
| NPRC09040 | 6709.82 | 8991.8 | 139.72 | -49.11 | 274.26 | 19 | 20 | 60 |
| NPRC09040 | 6709.82 | 8991.8 | 139.72 | -49.11 | 274.26 | 20 | 38 | 60 |
| NPRC09040 | 6709.82 | 8991.8 | 139.72 | -49.11 | 274.26 | 38 | 40 | 60 |
| NPRC09041 | 6727.07 | 8989.34 | 139.96 | -49.63 | 267.24 | 21 | 22 | 60 |
| NPRC09041 | 6727.07 | 8989.34 | 139.96 | -49.63 | 267.24 | 22 | 23 | 60 |
| NPRC09041 | 6727.07 | 8989.34 | 139.96 | -49.63 | 267.24 | 23 | 25 | 60 |
| NPRC09041 | 6727.07 | 8989.34 | 139.96 | -49.63 | 267.24 | 25 | 33 | 60 |

Table 15 - North Pit Drill Hole Intercepts

| hole_id | x | y | z | dip | azimuth | depth_from | depth_to | max_depth |
|---|---|---|---|---|---|---|---|---|
| NPRC09041 | 6727.07 | 8989.34 | 139.96 | -49.63 | 267.24 | 33 | 35 | 60 |
| NPRC09041 | 6727.07 | 8989.34 | 139.96 | -49.63 | 267.24 | 35 | 60 | 60 |
| NPRC09042 | 6725.14 | 9015 | 139.81 | -48.4 | 270 | 6 | 7 | 50 |
| NPRC09042 | 6725.14 | 9015 | 139.81 | -48.4 | 270 | 7 | 15 | 50 |
| NPRC09042 | 6725.14 | 9015 | 139.81 | -48.4 | 270 | 15 | 16 | 50 |
| NPRC09042 | 6725.14 | 9015 | 139.81 | -48.4 | 270 | 16 | 41 | 50 |
| NPRC09043 | 6748.44 | 9040 | 139.64 | -50.4 | 270 | 9 | 12 | 65 |
| NPRC09043 | 6748.44 | 9040 | 139.64 | -50.4 | 270 | 12 | 16 | 65 |
| NPRC09043 | 6748.44 | 9040 | 139.64 | -50.4 | 270 | 16 | 51 | 65 |
| NPRC09043 | 6748.44 | 9040 | 139.64 | -50.4 | 270 | 51 | 53 | 65 |
| NPRC09043 | 6748.44 | 9040 | 139.64 | -50.4 | 270 | 53 | 64 | 65 |
| NPRC09043 | 6748.44 | 9040 | 139.64 | -50.4 | 270 | 64 | 65 | 65 |
| NPRC09044 | 6746.74 | 9015 | 139.08 | -50.5 | 270 | 15 | 17 | 70 |
| NPRC09044 | 6746.74 | 9015 | 139.08 | -50.5 | 270 | 17 | 25 | 70 |
| NPRC09044 | 6746.74 | 9015 | 139.08 | -50.5 | 270 | 25 | 30 | 70 |
| NPRC09044 | 6746.74 | 9015 | 139.08 | -50.5 | 270 | 30 | 57 | 70 |
| NPRC09044 | 6746.74 | 9015 | 139.08 | -50.5 | 270 | 57 | 70 | 70 |
| NPRC09045 | 6731.34 | 9002.5 | 139.85 | -50.2 | 270 | 23 | 26 | 60 |
| NPRC09045 | 6731.34 | 9002.5 | 139.85 | -50.2 | 270 | 26 | 27 | 60 |
| NPRC09045 | 6731.34 | 9002.5 | 139.85 | -50.2 | 270 | 27 | 30 | 60 |
| NPRC09045 | 6731.34 | 9002.5 | 139.85 | -50.2 | 270 | 30 | 51 | 60 |
| NPRC09045 | 6731.34 | 9002.5 | 139.85 | -50.2 | 270 | 51 | 52 | 60 |
| NPRC09046 | 6754.17 | 10189.39 | 335.31 | -49.6 | 80.51 | 29 | 67.02 | 85 |
| NPRC09046 | 6754.17 | 10189.39 | 335.31 | -49.6 | 80.51 | 67.02 | 70 | 85 |
| NPRC09047 | 6743.89 | 10213.5 | 334.9 | -49.1 | 95.03 | 29 | 47.2 | 75 |
| NPRC09047 | 6743.89 | 10213.5 | 334.9 | -49.1 | 95.03 | 47.2 | 72 | 75 |
| NPRC09048 | 6738.615 | 10144.844 | 322.991 | -49.7 | 90.17 | 30 | 100 | 100 |
| NPRC09051 | 6735.13 | 10087.13 | 321.92 | -49.5 | 87.04 | 25 | 27 | 70 |
| NPRC09051 | 6735.13 | 10087.13 | 321.92 | -49.5 | 87.04 | 27 | 58 | 70 |
| NPRC09052 | 6760.43 | 10039.937 | 321.623 | -49.5 | 79.59 | 4 | 32 | 70 |
| NPRC09053 | 6757.992 | 9995.216 | 321.293 | -49.37 | 85.48 | 4 | 6 | 70 |
| NPRC09053 | 6757.992 | 9995.216 | 321.293 | -49.37 | 85.48 | 6 | 7 | 70 |
| NPRC09058 | 6740.552 | 10337.775 | 323.678 | -48.1 | 93.6 | 43 | 44 | 82 |
| NPRC09058 | 6740.552 | 10337.775 | 323.678 | -48.1 | 93.6 | 44 | 47 | 82 |
| NPRC09058 | 6740.552 | 10337.775 | 323.678 | -48.1 | 93.6 | 47 | 48 | 82 |
| NPRC09059 | 6757.432 | 10313.374 | 322.806 | -53.5 | 89.3 | 18 | 23 | 58 |
| NPRC09059 | 6757.432 | 10313.374 | 322.806 | -53.5 | 89.3 | 23 | 31 | 58 |
| NPRC09059 | 6757.432 | 10313.374 | 322.806 | -53.5 | 89.3 | 31 | 35 | 58 |
| NPRC09060 | 6743.544 | 10304.493 | 322.724 | -46.1 | 117.4 | 52 | 53 | 82 |
| NPRC09060 | 6743.544 | 10304.493 | 322.724 | -46.1 | 117.4 | 53 | 54 | 82 |

Table 15 - North Pit Drill Hole Intercepts

| hole_id | x | y | z | dip | azimuth | depth_from | depth_to | max_depth |
|---|---|---|---|---|---|---|---|---|
| NPRC09061 | 6742.29 | 10392.04 | 336.48 | -46.6 | 86 | 10 | 19 | 76 |
| NPRC09061 | 6742.29 | 10392.04 | 336.48 | -46.6 | 86 | 19 | 23 | 76 |
| NPRC09061 | 6742.29 | 10392.04 | 336.48 | -46.6 | 86 | 23 | 37 | 76 |
| NPRC09061 | 6742.29 | 10392.04 | 336.48 | -46.6 | 86 | 37 | 48 | 76 |
| NPRC09061 | 6742.29 | 10392.04 | 336.48 | -46.6 | 86 | 48 | 56 | 76 |
| NPRC09062 | 6731.72 | 10376.557 | 336.36 | -47.4 | 99.5 | 50 | 56 | 76 |
| NPRC09062 | 6731.72 | 10376.557 | 336.36 | -47.4 | 99.5 | 56 | 64 | 76 |
| NPRC10072 | 6711.54 | 9989.97 | 275.82 | -53.7 | 90.4 | 51 | 57 | 124 |
| NPRC10072 | 6711.54 | 9989.97 | 275.82 | -53.7 | 90.4 | 57 | 59 | 124 |
| NPRC10072 | 6711.54 | 9989.97 | 275.82 | -53.7 | 90.4 | 59 | 78 | 124 |
| NPRC10073 | 6741.96 | 9932.04 | 275.9 | -48.5 | 128.1 | 6 | 11.43 | 91 |
| NPRC10073 | 6741.96 | 9932.04 | 275.9 | -48.5 | 128.1 | 11.43 | 28 | 91 |
| NPRC10076 | 6670.836 | 8790.003 | 100.615 | -53.08 | 89.694 | 0 | 22 | 119 |
| NPRC10076 | 6670.836 | 8790.003 | 100.615 | -53.08 | 89.694 | 22 | 41.42 | 119 |
| NPRC10076 | 6670.836 | 8790.003 | 100.615 | -53.08 | 89.694 | 41.42 | 49 | 119 |
| NPRC10076 | 6670.836 | 8790.003 | 100.615 | -53.08 | 89.694 | 49 | 82 | 119 |
| NPRC10076 | 6670.836 | 8790.003 | 100.615 | -53.08 | 89.694 | 82 | 88 | 119 |
| NPRC10076 | 6670.836 | 8790.003 | 100.615 | -53.08 | 89.694 | 88 | 100 | 119 |
| NPRC10076 | 6670.836 | 8790.003 | 100.615 | -53.08 | 89.694 | 100 | 108 | 119 |
| NPRC10076 | 6670.836 | 8790.003 | 100.615 | -53.08 | 89.694 | 108 | 114 | 119 |
| NPRC10077 | 6747.469 | 10390.084 | 304.683 | -48 | 270 | 75 | 79 | 100 |
| NPRC10079 | 6747.98 | 10339.884 | 304.017 | -48.9 | 272.1 | 62 | 84 | 100 |
| NPRC10086 | 6688.686 | 8589.535 | 167.37 | -60.4 | 273.39 | 37 | 45 | 105 |
| NPRC10086 | 6688.686 | 8589.535 | 167.37 | -60.4 | 273.39 | 45 | 51 | 105 |
| NPRC10086 | 6688.686 | 8589.535 | 167.37 | -60.4 | 273.39 | 51 | 54 | 105 |
| NPRC10086 | 6688.686 | 8589.535 | 167.37 | -60.4 | 273.39 | 54 | 55 | 105 |
| NPRC10086 | 6688.686 | 8589.535 | 167.37 | -60.4 | 273.39 | 55 | 58 | 105 |
| NPRC10086 | 6688.686 | 8589.535 | 167.37 | -60.4 | 273.39 | 58 | 59 | 105 |
| NPRC10086 | 6688.686 | 8589.535 | 167.37 | -60.4 | 273.39 | 59 | 66 | 105 |
| NPRC10086 | 6688.686 | 8589.535 | 167.37 | -60.4 | 273.39 | 66 | 69 | 105 |
| NPRC10086 | 6688.686 | 8589.535 | 167.37 | -60.4 | 273.39 | 69 | 72 | 105 |
| NPRC10086 | 6688.686 | 8589.535 | 167.37 | -60.4 | 273.39 | 72 | 94 | 105 |
| NPRC10087 | 6718.978 | 8600.912 | 168.552 | -59.37 | 258.57 | 94 | 102 | 114 |
| NPRC10087 | 6718.978 | 8600.912 | 168.552 | -59.37 | 258.57 | 102 | 103 | 114 |
| NPRC10087 | 6718.978 | 8600.912 | 168.552 | -59.37 | 258.57 | 103 | 106 | 114 |
| NPRC10087 | 6718.978 | 8600.912 | 168.552 | -59.37 | 258.57 | 106 | 112 | 114 |
| NPRC10087 | 6718.978 | 8600.912 | 168.552 | -59.37 | 258.57 | 112 | 113 | 114 |
| NPRC10087 | 6718.978 | 8600.912 | 168.552 | -59.37 | 258.57 | 113 | 114 | 114 |
| NPRC10089 | 6719.726 | 8764.998 | 95.247 | -60.79 | 227.054 | 18 | 21 | 108 |
| NPRC10089 | 6719.726 | 8764.998 | 95.247 | -60.79 | 227.054 | 21 | 32 | 108 |

Table 15 - North Pit Drill Hole Intercepts

| hole_id | x | y | z | dip | azimuth | depth_from | depth_to | max_depth |
|---|---|---|---|---|---|---|---|---|
| NPRC10089 | 6719.726 | 8764.998 | 95.247 | -60.79 | 227.054 | 32 | 37 | 108 |
| NPRC10089 | 6719.726 | 8764.998 | 95.247 | -60.79 | 227.054 | 37 | 54 | 108 |
| NPRC10089 | 6719.726 | 8764.998 | 95.247 | -60.79 | 227.054 | 54 | 55 | 108 |
| NPRC10089 | 6719.726 | 8764.998 | 95.247 | -60.79 | 227.054 | 55 | 57 | 108 |
| NPRC10089 | 6719.726 | 8764.998 | 95.247 | -60.79 | 227.054 | 68 | 74 | 108 |
| NPRC10091 | 6648.356 | 8690 | 153.67 | -55.8 | 94.233 | 1 | 32 | 84 |
| NPRC10091 | 6648.356 | 8690 | 153.67 | -55.8 | 94.233 | 32 | 35 | 84 |
| NPRC10091 | 6648.356 | 8690 | 153.67 | -55.8 | 94.233 | 35 | 38 | 84 |
| NPRC10091 | 6648.356 | 8690 | 153.67 | -55.8 | 94.233 | 38 | 39 | 84 |
| NPRC10091 | 6648.356 | 8690 | 153.67 | -55.8 | 94.233 | 39 | 60 | 84 |
| NPRC10091 | 6648.356 | 8690 | 153.67 | -55.8 | 94.233 | 60 | 84 | 84 |
| NPRC10092 | 6674.934 | 8550.535 | 167.556 | -59.7 | 257.742 | 21 | 40 | 66 |
| NPRC10092 | 6674.934 | 8550.535 | 167.556 | -59.7 | 257.742 | 40 | 42 | 66 |
| NPRC10092 | 6674.934 | 8550.535 | 167.556 | -59.7 | 257.742 | 42 | 53 | 66 |
| NPRC10092 | 6674.934 | 8550.535 | 167.556 | -59.7 | 257.742 | 53 | 65 | 66 |
| NPRC10092 | 6674.934 | 8550.535 | 167.556 | -59.7 | 257.742 | 65 | 66 | 66 |
| NPUG2018_01 | 7383.34 | 9087.21 | 343.76 | -57.948 | 257.312 | 1029.65 | 1031.65 | 1121.9 |
| NPUG2018_01 | 7383.34 | 9087.21 | 343.76 | -57.948 | 257.312 | 1031.65 | 1033.4 | 1121.9 |
| NPUG2018_02 | 7046.824 | 9942.885 | 276.751 | -68.879 | 265.075 | 646 | 669.6 | 875 |
| NPUG2018_02 | 7046.824 | 9942.885 | 276.751 | -68.879 | 265.075 | 669.6 | 685.7 | 875 |
| NPUG2018_02 | 7046.824 | 9942.885 | 276.751 | -68.879 | 265.075 | 685.7 | 730.9 | 875 |
| NPUG2018_02 | 7046.824 | 9942.885 | 276.751 | -68.879 | 265.075 | 730.9 | 753.1 | 875 |
| NPUG2018_02 | 7046.824 | 9942.885 | 276.751 | -68.879 | 265.075 | 753.1 | 758.7 | 875 |
| NPUG2018_02 | 7046.824 | 9942.885 | 276.751 | -68.879 | 265.075 | 758.7 | 762.15 | 875 |
| NPUG2018_02 | 7046.824 | 9942.885 | 276.751 | -68.879 | 265.075 | 813.45 | 823 | 875 |
| NPUG2018_02 | 7046.824 | 9942.885 | 276.751 | -68.879 | 265.075 | 834.1 | 844.35 | 875 |
| NPUG2018_03 | 7044.24 | 9941.983 | 276.336 | -65.294 | 264.373 | 570.6 | 579.8 | 758.9 |
| NPUG2018_03 | 7044.24 | 9941.983 | 276.336 | -65.294 | 264.373 | 579.8 | 659.7 | 758.9 |
| NPUG2018_03 | 7044.24 | 9941.983 | 276.336 | -65.294 | 264.373 | 659.7 | 667.3 | 758.9 |
| NPUG2018_03 | 7044.24 | 9941.983 | 276.336 | -65.294 | 264.373 | 684.9 | 688.5 | 758.9 |
| NPUG2018_04 | 7022.968 | 10084.887 | 289.778 | -64.745 | 276.985 | 550.3 | 577 | 997 |
| NPUG2018_04 | 7022.968 | 10084.887 | 289.778 | -64.745 | 276.985 | 577 | 614.1 | 997 |
| NPUG2018_04 | 7022.968 | 10084.887 | 289.778 | -64.745 | 276.985 | 614.1 | 615.15 | 997 |
| NPUG2018_04 | 7022.968 | 10084.887 | 289.778 | -64.745 | 276.985 | 615.15 | 619 | 997 |
| NPUG2018_04 | 7022.968 | 10084.887 | 289.778 | -64.745 | 276.985 | 619 | 625.15 | 997 |
| NPUG2018_04 | 7022.968 | 10084.887 | 289.778 | -64.745 | 276.985 | 641.15 | 649.25 | 997 |
| NPUG2018_04 | 7022.968 | 10084.887 | 289.778 | -64.745 | 276.985 | 671.1 | 677.6 | 997 |
| NPUG2018_04 | 7022.968 | 10084.887 | 289.778 | -64.745 | 276.985 | 774.7 | 789 | 997 |
| NPUG2018_05 | 7334.168 | 9137.293 | 343.606 | -53.93 | 273.088 | 774.1 | 785.9 | 1088.1 |
| NPUG2018_05 | 7334.168 | 9137.293 | 343.606 | -53.93 | 273.088 | 785.9 | 795.2 | 1088.1 |

Table 15 - North Pit Drill Hole Intercepts

| hole_id | x | y | z | dip | azimuth | depth_from | depth_to | max_depth |
|---|---|---|---|---|---|---|---|---|
| NPUG2018_05 | 7334.168 | 9137.293 | 343.606 | -53.93 | 273.088 | 795.2 | 800.7 | 1088.1 |
| NPUG2018_05 | 7334.168 | 9137.293 | 343.606 | -53.93 | 273.088 | 800.7 | 807.88 | 1088.1 |
| NPUG2018_05 | 7334.168 | 9137.293 | 343.606 | -53.93 | 273.088 | 807.88 | 810.6 | 1088.1 |
| NPUG2018_05 | 7334.168 | 9137.293 | 343.606 | -53.93 | 273.088 | 810.6 | 817.8 | 1088.1 |
| NPUG2018_05 | 7334.168 | 9137.293 | 343.606 | -53.93 | 273.088 | 817.8 | 837.2 | 1088.1 |
| NPUG2018_05 | 7334.168 | 9137.293 | 343.606 | -53.93 | 273.088 | 837.2 | 838.4 | 1088.1 |
| NPUG2018_05 | 7334.168 | 9137.293 | 343.606 | -53.93 | 273.088 | 838.4 | 845.6 | 1088.1 |
| NPUG2018_05 | 7334.168 | 9137.293 | 343.606 | -53.93 | 273.088 | 845.6 | 913 | 1088.1 |
| NPUG2018_05 | 7334.168 | 9137.293 | 343.606 | -53.93 | 273.088 | 913 | 918.3 | 1088.1 |
| NPUG2018_05 | 7334.168 | 9137.293 | 343.606 | -53.93 | 273.088 | 1034 | 1058.9 | 1088.1 |
| NPUG2018_06 | 7331.796 | 9138.796 | 343.242 | -49.58 | 269.778 | 716.1 | 724.2 | 887.5 |
| NPUG2018_06 | 7331.796 | 9138.796 | 343.242 | -49.58 | 269.778 | 724.2 | 727.6 | 887.5 |
| NPUG2018_06 | 7331.796 | 9138.796 | 343.242 | -49.58 | 269.778 | 727.6 | 737.9 | 887.5 |
| NPUG2018_06 | 7331.796 | 9138.796 | 343.242 | -49.58 | 269.778 | 737.9 | 740.35 | 887.5 |
| NPUG2018_06 | 7331.796 | 9138.796 | 343.242 | -49.58 | 269.778 | 740.35 | 750.35 | 887.5 |
| NPUG2018_06 | 7331.796 | 9138.796 | 343.242 | -49.58 | 269.778 | 750.35 | 751.85 | 887.5 |
| NPUG2018_06 | 7331.796 | 9138.796 | 343.242 | -49.58 | 269.778 | 751.85 | 754.1 | 887.5 |
| NPUG2018_06 | 7331.796 | 9138.796 | 343.242 | -49.58 | 269.778 | 754.1 | 762.5 | 887.5 |
| NPUG2018_06 | 7331.796 | 9138.796 | 343.242 | -49.58 | 269.778 | 762.5 | 765.35 | 887.5 |
| NPUG2018_06 | 7331.796 | 9138.796 | 343.242 | -49.58 | 269.778 | 765.35 | 782 | 887.5 |
| NPUG2018_06 | 7331.796 | 9138.796 | 343.242 | -49.58 | 269.778 | 782 | 786.3 | 887.5 |
| NPUG2018_06 | 7331.796 | 9138.796 | 343.242 | -49.58 | 269.778 | 786.3 | 802.4 | 887.5 |
| NPUG2018_06 | 7331.796 | 9138.796 | 343.242 | -49.58 | 269.778 | 802.4 | 810.8 | 887.5 |
| NPUG2018_06 | 7331.796 | 9138.796 | 343.242 | -49.58 | 269.778 | 810.8 | 841.08 | 887.5 |
| NPUG2018_06 | 7331.796 | 9138.796 | 343.242 | -49.58 | 269.778 | 841.08 | 850.5 | 887.5 |
| NPUG2018_07 | 7025.229 | 10085.067 | 289.616 | -72.25 | 268.151 | 755.8 | 765.2 | 939.3 |
| NPUG2018_07 | 7025.229 | 10085.067 | 289.616 | -72.25 | 268.151 | 765.2 | 786.4 | 939.3 |
| NPUG2018_07 | 7025.229 | 10085.067 | 289.616 | -72.25 | 268.151 | 786.4 | 790.4 | 939.3 |
| NPUG2018_07 | 7025.229 | 10085.067 | 289.616 | -72.25 | 268.151 | 790.4 | 796.3 | 939.3 |
| NPUG2018_07 | 7025.229 | 10085.067 | 289.616 | -72.25 | 268.151 | 796.3 | 798 | 939.3 |
| NPUG2018_07 | 7025.229 | 10085.067 | 289.616 | -72.25 | 268.151 | 798 | 803.6 | 939.3 |
| NPUG2018_07 | 7025.229 | 10085.067 | 289.616 | -72.25 | 268.151 | 803.6 | 812.9 | 939.3 |
| NPUG2018_07 | 7025.229 | 10085.067 | 289.616 | -72.25 | 268.151 | 812.9 | 819.5 | 939.3 |
| NPUG2018_07 | 7025.229 | 10085.067 | 289.616 | -72.25 | 268.151 | 856.6 | 883.2 | 939.3 |
| NPUG2018_08 | 7321.731 | 9293.556 | 345.767 | -51.533 | 270.697 | 709.63 | 719.5 | 827.1 |
| NPUG2018_08 | 7321.731 | 9293.556 | 345.767 | -51.533 | 270.697 | 719.5 | 730.8 | 827.1 |
| NPUG2018_08 | 7321.731 | 9293.556 | 345.767 | -51.533 | 270.697 | 730.8 | 736.2 | 827.1 |
| NPUG2018_08 | 7321.731 | 9293.556 | 345.767 | -51.533 | 270.697 | 736.2 | 737.3 | 827.1 |
| NPUG2018_08 | 7321.731 | 9293.556 | 345.767 | -51.533 | 270.697 | 737.3 | 743 | 827.1 |
| NPUG2018_08 | 7321.731 | 9293.556 | 345.767 | -51.533 | 270.697 | 743 | 760.5 | 827.1 |

Table 15 - North Pit Drill Hole Intercepts

| hole_id | x | y | z | dip | azimuth | depth_from | depth_to | max_depth |
|---|---|---|---|---|---|---|---|---|
| NPUG2018_08 | 7321.731 | 9293.556 | 345.767 | -51.533 | 270.697 | 760.5 | 764.6 | 827.1 |
| NPUG2018_08 | 7321.731 | 9293.556 | 345.767 | -51.533 | 270.697 | 764.6 | 807 | 827.1 |
| NPUG2018_08 | 7321.731 | 9293.556 | 345.767 | -51.533 | 270.697 | 807 | 814.1 | 827.1 |
| NPUG2018_08 | 7321.731 | 9293.556 | 345.767 | -51.533 | 270.697 | 814.1 | 827.1 | 827.1 |
| NPUG2018_09 | 7320.973 | 9293.568 | 345.31 | -54.57 | 271.09 | 811 | 821.9 | 983.3 |
| NPUG2018_09 | 7320.973 | 9293.568 | 345.31 | -54.57 | 271.09 | 821.9 | 822.2 | 983.3 |
| NPUG2018_09 | 7320.973 | 9293.568 | 345.31 | -54.57 | 271.09 | 822.2 | 825.4 | 983.3 |
| NPUG2018_09 | 7320.973 | 9293.568 | 345.31 | -54.57 | 271.09 | 825.4 | 826.5 | 983.3 |
| NPUG2018_09 | 7320.973 | 9293.568 | 345.31 | -54.57 | 271.09 | 826.5 | 841 | 983.3 |
| NPUG2018_09 | 7320.973 | 9293.568 | 345.31 | -54.57 | 271.09 | 841 | 843 | 983.3 |
| NPUG2018_09 | 7320.973 | 9293.568 | 345.31 | -54.57 | 271.09 | 843 | 884.5 | 983.3 |
| NPUG2018_09 | 7320.973 | 9293.568 | 345.31 | -54.57 | 271.09 | 884.5 | 897.9 | 983.3 |
| NPUG2018_10 | 7324.031 | 9481.995 | 351.197 | -53.014 | 265.9 | 783.85 | 787.6 | 1115 |
| NPUG2018_10 | 7324.031 | 9481.995 | 351.197 | -53.014 | 265.9 | 787.6 | 792 | 1115 |
| NPUG2018_10 | 7324.031 | 9481.995 | 351.197 | -53.014 | 265.9 | 792 | 835.41 | 1115 |
| NPUG2018_10 | 7324.031 | 9481.995 | 351.197 | -53.014 | 265.9 | 835.41 | 837.65 | 1115 |
| NPUG2018_10 | 7324.031 | 9481.995 | 351.197 | -53.014 | 265.9 | 837.65 | 839.78 | 1115 |
| NPUG2018_10 | 7324.031 | 9481.995 | 351.197 | -53.014 | 265.9 | 839.78 | 841.95 | 1115 |
| NPUG2018_10 | 7324.031 | 9481.995 | 351.197 | -53.014 | 265.9 | 841.95 | 888.5 | 1115 |
| NPUG2018_10 | 7324.031 | 9481.995 | 351.197 | -53.014 | 265.9 | 888.5 | 889.9 | 1115 |
| NPUG2018_10 | 7324.031 | 9481.995 | 351.197 | -53.014 | 265.9 | 985 | 991.5 | 1115 |
| NPUG2018_10 | 7324.031 | 9481.995 | 351.197 | -53.014 | 265.9 | 1044 | 1055 | 1115 |
| NPUG2018_11 | 6590.512 | 10308 | 276.735 | -61.388 | 136.31 | 241 | 261 | 638.6 |
| NPUG2018_11 | 6590.512 | 10308 | 276.735 | -61.388 | 136.31 | 277.3 | 286 | 638.6 |
| NPUG2018_11 | 6590.512 | 10308 | 276.735 | -61.388 | 136.31 | 342.5 | 348.3 | 638.6 |
| NPUG2018_11 | 6590.512 | 10308 | 276.735 | -61.388 | 136.31 | 387 | 400.3 | 638.6 |
| NPUG2018_11 | 6590.512 | 10308 | 276.735 | -61.388 | 136.31 | 440.35 | 464 | 638.6 |
| NPUG2018_11 | 6590.512 | 10308 | 276.735 | -61.388 | 136.31 | 464 | 478 | 638.6 |
| NPUG2018_11 | 6590.512 | 10308 | 276.735 | -61.388 | 136.31 | 478 | 482 | 638.6 |
| NPUG2018_11 | 6590.512 | 10308 | 276.735 | -61.388 | 136.31 | 482 | 557.95 | 638.6 |
| NPUG2018_11 | 6590.512 | 10308 | 276.735 | -61.388 | 136.31 | 557.95 | 565 | 638.6 |
| NPUG2018_12 | 7323 | 9482.057 | 351.15 | -50.205 | 269.079 | 692.7 | 713.9 | 968.2 |
| NPUG2018_12 | 7323 | 9482.057 | 351.15 | -50.205 | 269.079 | 713.9 | 715.7 | 968.2 |
| NPUG2018_12 | 7323 | 9482.057 | 351.15 | -50.205 | 269.079 | 715.7 | 733 | 968.2 |
| NPUG2018_12 | 7323 | 9482.057 | 351.15 | -50.205 | 269.079 | 733 | 743.7 | 968.2 |
| NPUG2018_12 | 7323 | 9482.057 | 351.15 | -50.205 | 269.079 | 743.7 | 768 | 968.2 |
| NPUG2018_12 | 7323 | 9482.057 | 351.15 | -50.205 | 269.079 | 768 | 769.9 | 968.2 |
| NPUG2018_12 | 7323 | 9482.057 | 351.15 | -50.205 | 269.079 | 769.9 | 807.8 | 968.2 |
| NPUG2018_12 | 7323 | 9482.057 | 351.15 | -50.205 | 269.079 | 807.8 | 811.8 | 968.2 |
| NPUG2018_12 | 7323 | 9482.057 | 351.15 | -50.205 | 269.079 | 867.5 | 891.55 | 968.2 |

Table 15 - North Pit Drill Hole Intercepts

| hole_id | x | y | z | dip | azimuth | depth_from | depth_to | max_depth |
|---|---|---|---|---|---|---|---|---|
| NPUG2018_12 | 7323 | 9482.057 | 351.15 | -50.205 | 269.079 | 937.84 | 938.79 | 968.2 |
| NPUG2018_13 | 6971.421 | 10216.16 | 294.859 | -70.53 | 260.018 | 660.2 | 665 | 956.7 |
| NPUG2018_13 | 6971.421 | 10216.16 | 294.859 | -70.53 | 260.018 | 665 | 669.7 | 956.7 |
| NPUG2018_13 | 6971.421 | 10216.16 | 294.859 | -70.53 | 260.018 | 669.7 | 673.5 | 956.7 |
| NPUG2018_13 | 6971.421 | 10216.16 | 294.859 | -70.53 | 260.018 | 673.5 | 747.8 | 956.7 |
| NPUG2018_13 | 6971.421 | 10216.16 | 294.859 | -70.53 | 260.018 | 747.8 | 771 | 956.7 |
| NPUG2018_13 | 6971.421 | 10216.16 | 294.859 | -70.53 | 260.018 | 779.7 | 780.7 | 956.7 |
| NPUG2018_13 | 6971.421 | 10216.16 | 294.859 | -70.53 | 260.018 | 818.9 | 855.2 | 956.7 |
| NPUG2018_14 | 7290.303 | 9614.262 | 350.437 | -53.284 | 269.466 | 669.8 | 684 | 1133 |
| NPUG2018_14 | 7290.303 | 9614.262 | 350.437 | -53.284 | 269.466 | 684 | 686.75 | 1133 |
| NPUG2018_14 | 7290.303 | 9614.262 | 350.437 | -53.284 | 269.466 | 686.75 | 716.25 | 1133 |
| NPUG2018_14 | 7290.303 | 9614.262 | 350.437 | -53.284 | 269.466 | 716.25 | 717.7 | 1133 |
| NPUG2018_14 | 7290.303 | 9614.262 | 350.437 | -53.284 | 269.466 | 717.7 | 722.55 | 1133 |
| NPUG2018_14 | 7290.303 | 9614.262 | 350.437 | -53.284 | 269.466 | 722.55 | 724.3 | 1133 |
| NPUG2018_14 | 7290.303 | 9614.262 | 350.437 | -53.284 | 269.466 | 724.3 | 741.2 | 1133 |
| NPUG2018_14 | 7290.303 | 9614.262 | 350.437 | -53.284 | 269.466 | 741.2 | 744 | 1133 |
| NPUG2018_14 | 7290.303 | 9614.262 | 350.437 | -53.284 | 269.466 | 744 | 761.2 | 1133 |
| NPUG2018_14 | 7290.303 | 9614.262 | 350.437 | -53.284 | 269.466 | 761.2 | 761.55 | 1133 |
| NPUG2018_14 | 7290.303 | 9614.262 | 350.437 | -53.284 | 269.466 | 761.55 | 777.65 | 1133 |
| NPUG2018_14 | 7290.303 | 9614.262 | 350.437 | -53.284 | 269.466 | 777.65 | 781.3 | 1133 |
| NPUG2018_14 | 7290.303 | 9614.262 | 350.437 | -53.284 | 269.466 | 781.3 | 786.4 | 1133 |
| NPUG2018_14 | 7290.303 | 9614.262 | 350.437 | -53.284 | 269.466 | 786.4 | 788.8 | 1133 |
| NPUG2018_14 | 7290.303 | 9614.262 | 350.437 | -53.284 | 269.466 | 788.8 | 808.2 | 1133 |
| NPUG2018_14 | 7290.303 | 9614.262 | 350.437 | -53.284 | 269.466 | 808.2 | 809.4 | 1133 |
| NPUG2018_14 | 7290.303 | 9614.262 | 350.437 | -53.284 | 269.466 | 882.6 | 899.5 | 1133 |
| NPUG2018_14 | 7290.303 | 9614.262 | 350.437 | -53.284 | 269.466 | 925 | 934.3 | 1133 |
| NPUG2018_14 | 7290.303 | 9614.262 | 350.437 | -53.284 | 269.466 | 943.4 | 945.8 | 1133 |
| NPUG2018_15 | 7381.824 | 9086.942 | 343.83 | -50.8 | 265.152 | 773.6 | 776.9 | 972.78 |
| NPUG2018_15 | 7381.824 | 9086.942 | 343.83 | -50.8 | 265.152 | 776.9 | 802.2 | 972.78 |
| NPUG2018_15 | 7381.824 | 9086.942 | 343.83 | -50.8 | 265.152 | 802.2 | 805 | 972.78 |
| NPUG2018_15 | 7381.824 | 9086.942 | 343.83 | -50.8 | 265.152 | 805 | 814.8 | 972.78 |
| NPUG2018_15 | 7381.824 | 9086.942 | 343.83 | -50.8 | 265.152 | 871.8 | 884.3 | 972.78 |
| NPUG2018_15 | 7381.824 | 9086.942 | 343.83 | -50.8 | 265.152 | 894 | 899.1 | 972.78 |
| NPUG2018_16 | 7199.384 | 9804.691 | 342.744 | -66.92 | 258.79 | 866.65 | 882.8 | 1148.6 |
| NPUG2018_16 | 7199.384 | 9804.691 | 342.744 | -66.92 | 258.79 | 882.8 | 889.2 | 1148.6 |
| NPUG2018_16 | 7199.384 | 9804.691 | 342.744 | -66.92 | 258.79 | 889.2 | 905.62 | 1148.6 |
| NPUG2018_16 | 7199.384 | 9804.691 | 342.744 | -66.92 | 258.79 | 905.62 | 907 | 1148.6 |
| NPUG2018_16 | 7199.384 | 9804.691 | 342.744 | -66.92 | 258.79 | 907 | 918.09 | 1148.6 |
| NPUG2018_16 | 7199.384 | 9804.691 | 342.744 | -66.92 | 258.79 | 918.09 | 919.61 | 1148.6 |
| NPUG2018_16 | 7199.384 | 9804.691 | 342.744 | -66.92 | 258.79 | 919.61 | 922.34 | 1148.6 |

Table 15 - North Pit Drill Hole Intercepts

| hole_id | x | y | z | dip | azimuth | depth_from | depth_to | max_depth |
|---|---|---|---|---|---|---|---|---|
| NPUG2018_16 | 7199.384 | 9804.691 | 342.744 | -66.92 | 258.79 | 922.34 | 934 | 1148.6 |
| NPUG2018_16 | 7199.384 | 9804.691 | 342.744 | -66.92 | 258.79 | 934 | 949.3 | 1148.6 |
| NPUG2018_16 | 7199.384 | 9804.691 | 342.744 | -66.92 | 258.79 | 949.3 | 950.5 | 1148.6 |
| NPUG2018_16 | 7199.384 | 9804.691 | 342.744 | -66.92 | 258.79 | 950.5 | 954.45 | 1148.6 |
| NPUG2018_16 | 7199.384 | 9804.691 | 342.744 | -66.92 | 258.79 | 954.45 | 956.82 | 1148.6 |
| NPUG2018_16 | 7199.384 | 9804.691 | 342.744 | -66.92 | 258.79 | 956.82 | 961 | 1148.6 |
| NPUG2018_16 | 7199.384 | 9804.691 | 342.744 | -66.92 | 258.79 | 961 | 969.45 | 1148.6 |
| NPUG2018_16 | 7199.384 | 9804.691 | 342.744 | -66.92 | 258.79 | 969.45 | 978 | 1148.6 |
| NPUG2018_16 | 7199.384 | 9804.691 | 342.744 | -66.92 | 258.79 | 1028 | 1030.5 | 1148.6 |
| NPUG2018_16 | 7199.384 | 9804.691 | 342.744 | -66.92 | 258.79 | 1087.9 | 1104 | 1148.6 |
| NPUG2018_16 | 7199.384 | 9804.691 | 342.744 | -66.92 | 258.79 | 1108 | 1122.1 | 1148.6 |
| NPUG2018_17 | 7196.893 | 9804.419 | 342.764 | -57.405 | 263.101 | 642.3 | 649.2 | 1022.2 |
| NPUG2018_17 | 7196.893 | 9804.419 | 342.764 | -57.405 | 263.101 | 668 | 678 | 1022.2 |
| NPUG2018_17 | 7196.893 | 9804.419 | 342.764 | -57.405 | 263.101 | 678 | 687 | 1022.2 |
| NPUG2018_17 | 7196.893 | 9804.419 | 342.764 | -57.405 | 263.101 | 687 | 696.3 | 1022.2 |
| NPUG2018_17 | 7196.893 | 9804.419 | 342.764 | -57.405 | 263.101 | 696.3 | 698.85 | 1022.2 |
| NPUG2018_17 | 7196.893 | 9804.419 | 342.764 | -57.405 | 263.101 | 698.85 | 707.1 | 1022.2 |
| NPUG2018_17 | 7196.893 | 9804.419 | 342.764 | -57.405 | 263.101 | 707.1 | 711.6 | 1022.2 |
| NPUG2018_17 | 7196.893 | 9804.419 | 342.764 | -57.405 | 263.101 | 711.6 | 736.3 | 1022.2 |
| NPUG2018_17 | 7196.893 | 9804.419 | 342.764 | -57.405 | 263.101 | 736.3 | 738 | 1022.2 |
| NPUG2018_17 | 7196.893 | 9804.419 | 342.764 | -57.405 | 263.101 | 738 | 755.1 | 1022.2 |
| NPUG2018_17 | 7196.893 | 9804.419 | 342.764 | -57.405 | 263.101 | 755.1 | 755.7 | 1022.2 |
| NPUG2018_17 | 7196.893 | 9804.419 | 342.764 | -57.405 | 263.101 | 755.7 | 778.2 | 1022.2 |
| NPUG2018_17 | 7196.893 | 9804.419 | 342.764 | -57.405 | 263.101 | 778.2 | 789.55 | 1022.2 |
| NPUG2018_17 | 7196.893 | 9804.419 | 342.764 | -57.405 | 263.101 | 789.55 | 794.2 | 1022.2 |
| NPUG2018_17 | 7196.893 | 9804.419 | 342.764 | -57.405 | 263.101 | 840.1 | 848.8 | 1022.2 |
| NPUG2018_17 | 7196.893 | 9804.419 | 342.764 | -57.405 | 263.101 | 912.7 | 934.5 | 1022.2 |
| NPUG2018_18b | 7197.891 | 9803.277 | 342.892 | -64.01 | 269.08 | 819.9 | 822.7 | 1028.5 |
| NPUG2018_18b | 7197.891 | 9803.277 | 342.892 | -64.01 | 269.08 | 822.7 | 828.3 | 1028.5 |
| NPUG2018_18b | 7197.891 | 9803.277 | 342.892 | -64.01 | 269.08 | 828.3 | 835.85 | 1028.5 |
| NPUG2018_18b | 7197.891 | 9803.277 | 342.892 | -64.01 | 269.08 | 835.85 | 845.2 | 1028.5 |
| NPUG2018_18b | 7197.891 | 9803.277 | 342.892 | -64.01 | 269.08 | 868.9 | 874.1 | 1028.5 |
| NPUG2018_18b | 7197.891 | 9803.277 | 342.892 | -64.01 | 269.08 | 970.4 | 984.1 | 1028.5 |
| NPUG2018_19 | 6970.59 | 10217.081 | 295.244 | -46.499 | 279.85 | 290.8 | 300.7 | 723.51 |
| NPUG2018_19 | 6970.59 | 10217.081 | 295.244 | -46.499 | 279.85 | 314 | 315.5 | 723.51 |
| NPUG2018_19 | 6970.59 | 10217.081 | 295.244 | -46.499 | 279.85 | 378.8 | 384 | 723.51 |
| NPUG2018_19 | 6970.59 | 10217.081 | 295.244 | -46.499 | 279.85 | 399.85 | 406.4 | 723.51 |
| NRC200509 | 6717.1 | 9756.8 | 221.8 | -55 | 140.4 | 62 | 91.51 | 152 |
| NRC200509 | 6717.1 | 9756.8 | 221.8 | -55 | 140.4 | 91.51 | 98.43 | 152 |
| NRC200509 | 6717.1 | 9756.8 | 221.8 | -55 | 140.4 | 98.43 | 102.66 | 152 |

Table 15 - North Pit Drill Hole Intercepts

| hole_id | x | y | z | dip | azimuth | depth_from | depth_to | max_depth |
|---|---|---|---|---|---|---|---|---|
| NRC200509 | 6717.1 | 9756.8 | 221.8 | -55 | 140.4 | 102.66 | 108.31 | 152 |
| NRC200509 | 6717.1 | 9756.8 | 221.8 | -55 | 140.4 | 108.31 | 137.35 | 152 |
| NRC200509 | 6717.1 | 9756.8 | 221.8 | -55 | 140.4 | 137.35 | 144 | 152 |
| NRC200509 | 6717.1 | 9756.8 | 221.8 | -55 | 140.4 | 144 | 152 | 152 |
| NRC200510 | 6764.5 | 9754.99 | 220.2 | -59.5 | 176.28 | 0 | 68.2 | 140 |
| NRC200510 | 6764.5 | 9754.99 | 220.2 | -59.5 | 176.28 | 68.2 | 94.81 | 140 |
| NRC200510 | 6764.5 | 9754.99 | 220.2 | -59.5 | 176.28 | 94.81 | 140 | 140 |
| NRC200611 | 6804.908 | 9031.819 | 202.801 | -58.96 | 267.68 | 98 | 106 | 202 |
| NRC200611 | 6804.908 | 9031.819 | 202.801 | -58.96 | 267.68 | 106 | 170 | 202 |
| NRC200611 | 6804.908 | 9031.819 | 202.801 | -58.96 | 267.68 | 170 | 172 | 202 |
| NRC200612 | 6777.39 | 9171.709 | 149.833 | -56.341 | 245.467 | 28 | 30 | 180 |
| NRC200612 | 6777.39 | 9171.709 | 149.833 | -56.341 | 245.467 | 30 | 38 | 180 |
| NRC200612 | 6777.39 | 9171.709 | 149.833 | -56.341 | 245.467 | 38 | 42 | 180 |
| NRC200612 | 6777.39 | 9171.709 | 149.833 | -56.341 | 245.467 | 42 | 48 | 180 |
| NRC200612 | 6777.39 | 9171.709 | 149.833 | -56.341 | 245.467 | 48 | 54 | 180 |
| NRC200612 | 6777.39 | 9171.709 | 149.833 | -56.341 | 245.467 | 54 | 68 | 180 |
| NRC200612 | 6777.39 | 9171.709 | 149.833 | -56.341 | 245.467 | 68 | 76 | 180 |
| NRC200612 | 6777.39 | 9171.709 | 149.833 | -56.341 | 245.467 | 76 | 88 | 180 |
| NRC200612 | 6777.39 | 9171.709 | 149.833 | -56.341 | 245.467 | 88 | 106 | 180 |
| NRC200612 | 6777.39 | 9171.709 | 149.833 | -56.341 | 245.467 | 106 | 110 | 180 |
| NRC200612 | 6777.39 | 9171.709 | 149.833 | -56.341 | 245.467 | 110 | 118 | 180 |
| NRC200612 | 6777.39 | 9171.709 | 149.833 | -56.341 | 245.467 | 158 | 168 | 180 |
| NRC200613 | 6793.534 | 9231.484 | 150.227 | -58.4 | 267.943 | 38 | 44 | 196 |
| NRC200613 | 6793.534 | 9231.484 | 150.227 | -58.4 | 267.943 | 44 | 50 | 196 |
| NRC200613 | 6793.534 | 9231.484 | 150.227 | -58.4 | 267.943 | 50 | 52 | 196 |
| NRC200613 | 6793.534 | 9231.484 | 150.227 | -58.4 | 267.943 | 52 | 64 | 196 |
| NRC200613 | 6793.534 | 9231.484 | 150.227 | -58.4 | 267.943 | 64 | 76 | 196 |
| NRC200613 | 6793.534 | 9231.484 | 150.227 | -58.4 | 267.943 | 76 | 90 | 196 |
| NRC200613 | 6793.534 | 9231.484 | 150.227 | -58.4 | 267.943 | 90 | 94 | 196 |
| NRC200613 | 6793.534 | 9231.484 | 150.227 | -58.4 | 267.943 | 94 | 104 | 196 |
| NRC200613 | 6793.534 | 9231.484 | 150.227 | -58.4 | 267.943 | 172 | 194 | 196 |
| NRC200614 | 6796.932 | 8991.752 | 207.957 | -59.13 | 268.78 | 104 | 122 | 196 |
| NRC200614 | 6796.932 | 8991.752 | 207.957 | -59.13 | 268.78 | 122 | 124 | 196 |
| NRC200614 | 6796.932 | 8991.752 | 207.957 | -59.13 | 268.78 | 124 | 125.99 | 196 |
| NRC200614 | 6796.932 | 8991.752 | 207.957 | -59.13 | 268.78 | 125.99 | 134 | 196 |
| NRC200614 | 6796.932 | 8991.752 | 207.957 | -59.13 | 268.78 | 134 | 154 | 196 |
| NRC200614 | 6796.932 | 8991.752 | 207.957 | -59.13 | 268.78 | 154 | 160 | 196 |
| NRC200615 | 6746.407 | 8788.299 | 211.485 | -60.75 | 272.96 | 86 | 100 | 170 |
| NRC200615 | 6746.407 | 8788.299 | 211.485 | -60.75 | 272.96 | 100 | 108 | 170 |
| NRC200615 | 6746.407 | 8788.299 | 211.485 | -60.75 | 272.96 | 108 | 112 | 170 |

Table 15 - North Pit Drill Hole Intercepts

| hole_id | x | y | z | dip | azimuth | depth_from | depth_to | max_depth |
|---|---|---|---|---|---|---|---|---|
| NRC200615 | 6746.407 | 8788.299 | 211.485 | -60.75 | 272.96 | 112 | 114 | 170 |
| NRC200615 | 6746.407 | 8788.299 | 211.485 | -60.75 | 272.96 | 114 | 124 | 170 |
| NRC200615 | 6746.407 | 8788.299 | 211.485 | -60.75 | 272.96 | 124 | 142 | 170 |

**Table 16 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 |

**Table 16 Long Plains Drill Hole Intercepts**

| hole_id | x | y | z | dip | azimuth | depth_from | depth_to | max_depth |
|---|---|---|---|---|---|---|---|---|
| LPC06012 | 347996.7 | 5396384.1 | 264.2 | 11.9 | 91.2 | 9.0 | 15.1 | 35.0 |
| 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 |

**Table 16 Long Plains Drill Hole Intercepts**

| hole_id | x | y | z | dip | azimuth | depth_from | depth_to | max_depth |
|---|---|---|---|---|---|---|---|---|
| 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 |
| 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 |

**Table 16 Long Plains Drill Hole Intercepts**

| hole_id | x | y | z | dip | azimuth | depth_from | depth_to | max_depth |
|---|---|---|---|---|---|---|---|---|
| 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 |
| 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 17 - 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 |

Table 17 - South Deposit Drill Hole Intercepts 31 December 2012

| hole_id | x | y | z | dip | azimuth | depth_from | depth_to | max_depth |
|---|---|---|---|---|---|---|---|---|
| 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 |
| 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 |

Table 17 - South Deposit Drill Hole Intercepts 31 December 2012

| hole_id | x | y | z | dip | azimuth | depth_from | depth_to | max_depth |
|---|---|---|---|---|---|---|---|---|
| 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 |
| 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 18 Centre Pit Combined Drill-hole Intersects as at 31 Dec 2019

| 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 |

Table 18 Centre Pit Combined Drill-hole Intersects as at 31 Dec 2019

| hole_id | x | y | z | dip | azimuth | depth_from | depth_to | max_depth |
|---|---|---|---|---|---|---|---|---|
| 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 |
| 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 |

Table 18 Centre Pit Combined Drill-hole Intersects as at 31 Dec 2019

| hole_id | x | y | z | dip | azimuth | depth_from | depth_to | max_depth |
|---|---|---|---|---|---|---|---|---|
| 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 |
| 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 |

Table 18 Centre Pit Combined Drill-hole Intersects as at 31 Dec 2019

| hole_id | x | y | z | dip | azimuth | depth_from | depth_to | max_depth |
|---|---|---|---|---|---|---|---|---|
| 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 |
| 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 |

Table 18 Centre Pit Combined Drill-hole Intersects as at 31 Dec 2019

| hole_id | x | y | z | dip | azimuth | depth_from | depth_to | max_depth |
|---|---|---|---|---|---|---|---|---|
| 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 |
| 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 |

Table 18 Centre Pit Combined Drill-hole Intersects as at 31 Dec 2019

| hole_id | x | y | z | dip | azimuth | depth_from | depth_to | max_depth |
|---|---|---|---|---|---|---|---|---|
| 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 |
| 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 |

Table 18 Centre Pit Combined Drill-hole Intersects as at 31 Dec 2019

| hole_id | x | y | z | dip | azimuth | depth_from | depth_to | max_depth |
|---|---|---|---|---|---|---|---|---|
| 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 |
| 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 |

Table 18 Centre Pit Combined Drill-hole Intersects as at 31 Dec 2019

| hole_id | x | y | z | dip | azimuth | depth_from | depth_to | max_depth |
|---|---|---|---|---|---|---|---|---|
| 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 |
| 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 |

Table 18 Centre Pit Combined Drill-hole Intersects as at 31 Dec 2019

| hole_id | x | y | z | dip | azimuth | depth_from | depth_to | max_depth |
|---|---|---|---|---|---|---|---|---|
| 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 |
| 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 |

Table 18 Centre Pit Combined Drill-hole Intersects as at 31 Dec 2019

| hole_id | x | y | z | dip | azimuth | depth_from | depth_to | max_depth |
|---|---|---|---|---|---|---|---|---|
| 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 |
| 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 |

Table 18 Centre Pit Combined Drill-hole Intersects as at 31 Dec 2019

| hole_id | x | y | z | dip | azimuth | depth_from | depth_to | max_depth |
|---|---|---|---|---|---|---|---|---|
| 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 |
| 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 |

Table 18 Centre Pit Combined Drill-hole Intersects as at 31 Dec 2019

| hole_id | x | y | z | dip | azimuth | depth_from | depth_to | max_depth |
|---|---|---|---|---|---|---|---|---|
| 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 |
| 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 |

Table 18 Centre Pit Combined Drill-hole Intersects as at 31 Dec 2019

| hole_id | x | y | z | dip | azimuth | depth_from | depth_to | max_depth |
|---|---|---|---|---|---|---|---|---|
| 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 |
| 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 |

Table 18 Centre Pit Combined Drill-hole Intersects as at 31 Dec 2019

| hole_id | x | y | z | dip | azimuth | depth_from | depth_to | max_depth |
|---|---|---|---|---|---|---|---|---|
| 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 |
| 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 |

Table 18 Centre Pit Combined Drill-hole Intersects as at 31 Dec 2019

| hole_id | x | y | z | dip | azimuth | depth_from | depth_to | max_depth |
|---|---|---|---|---|---|---|---|---|
| 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 |
| 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 |

Table 18 Centre Pit Combined Drill-hole Intersects as at 31 Dec 2019

| hole_id | x | y | z | dip | azimuth | depth_from | depth_to | max_depth |
|---|---|---|---|---|---|---|---|---|
| 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 |
| 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 |

Table 18 Centre Pit Combined Drill-hole Intersects as at 31 Dec 2019

| hole_id | x | y | z | dip | azimuth | depth_from | depth_to | max_depth |
|---|---|---|---|---|---|---|---|---|
| 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 |
| 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 |

Table 18 Centre Pit Combined Drill-hole Intersects as at 31 Dec 2019

| hole_id | x | y | z | dip | azimuth | depth_from | depth_to | max_depth |
|---|---|---|---|---|---|---|---|---|
| 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 |
| 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 |

Table 18 Centre Pit Combined Drill-hole Intersects as at 31 Dec 2019

| hole_id | x | y | z | dip | azimuth | depth_from | depth_to | max_depth |
|---|---|---|---|---|---|---|---|---|
| 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 |
| 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 |

Table 18 Centre Pit Combined Drill-hole Intersects as at 31 Dec 2019

| hole_id | x | y | z | dip | azimuth | depth_from | depth_to | max_depth |
|---|---|---|---|---|---|---|---|---|
| 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 |
| 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 |

Table 18 Centre Pit Combined Drill-hole Intersects as at 31 Dec 2019

| hole_id | x | y | z | dip | azimuth | depth_from | depth_to | max_depth |
|---|---|---|---|---|---|---|---|---|
| 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 |
| 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 |

Table 18 Centre Pit Combined Drill-hole Intersects as at 31 Dec 2019

| hole_id | x | y | z | dip | azimuth | depth_from | depth_to | max_depth |
|---|---|---|---|---|---|---|---|---|
| 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 |
| 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 |

Table 18 Centre Pit Combined Drill-hole Intersects as at 31 Dec 2019

| hole_id | x | y | z | dip | azimuth | depth_from | depth_to | max_depth |
|---|---|---|---|---|---|---|---|---|
| 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 |
| 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 |

Table 18 Centre Pit Combined Drill-hole Intersects as at 31 Dec 2019

| hole_id | x | y | z | dip | azimuth | depth_from | depth_to | max_depth |
|---|---|---|---|---|---|---|---|---|
| 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 |
| 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 |

Table 18 Centre Pit Combined Drill-hole Intersects as at 31 Dec 2019

| hole_id | x | y | z | dip | azimuth | depth_from | depth_to | max_depth |
|---|---|---|---|---|---|---|---|---|
| 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 |
| 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 |

Table 18 Centre Pit Combined Drill-hole Intersects as at 31 Dec 2019

| hole_id | x | y | z | dip | azimuth | depth_from | depth_to | max_depth |
|---|---|---|---|---|---|---|---|---|
| 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 |
| 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 |

Table 18 Centre Pit Combined Drill-hole Intersects as at 31 Dec 2019

| hole_id | x | y | z | dip | azimuth | depth_from | depth_to | max_depth |
|---|---|---|---|---|---|---|---|---|
| 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 |
| 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 |

Table 18 Centre Pit Combined Drill-hole Intersects as at 31 Dec 2019

| hole_id | x | y | z | dip | azimuth | depth_from | depth_to | max_depth |
|---|---|---|---|---|---|---|---|---|
| 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 |