Ardea Resources Limited

ASX & Media Release

16 May 2022

ASX Symbol

ARL

Ardea Resources Limited

Suite 2 / 45 Ord St
West Perth WA 6005

PO Box 1433
West Perth WA 6872

Telephone

+61 8 6244 5136

Email

ardea@ardearesources.com.au

Website

www.ardearesources.com.au

Issued Capital

Fully Paid Ordinary Shares
169,737,772

Performance Rights
4,422,000

Options
4,000,000

ABN 30 614 289 342

Confirmation of High-Grade Nickel-Cobalt from Goongarrie South Metallurgical Drilling

Ardea Resources Limited (**Ardea** or the **Company**) advises that diamond drill core drilling at the Goongarrie South nickel-cobalt deposit confirms high-grade near surface nickel-cobalt mineralisation. The results validate mineralisation models used in generating the Goongarrie South Mineral Resource Estimate (**MRE**).

Pits at Goongarrie South will be the key base load feed source for the proposed nickel-cobalt processing plant at the Kalgoorlie Nickel Project – Goongarrie Hub (**KNP – GH**).

Intercepts at 0.5% nickel and 1% nickel cut-off grades include:

- AGSD0032 — 26m at 1.33% nickel and 0.029% cobalt from 22m
  - including — **20m at 1.53% nickel and 0.034% cobalt from 28m**
  - and — 26m at 0.75% nickel and 0.032% cobalt from 66m
  - including — **8m at 1.10% nickel and 0.048% cobalt from 68m**
- AGSD0034 — 58m at 1.03% nickel and 0.065% cobalt from 48m
  - including — **38m at 1.21% nickel and 0.087% cobalt from 66m**

The drilling program was designed to generate run-of-mine mineralisation for bench-scale metallurgical programs currently in train at the ALS Balcatta metallurgical laboratories, as an initial program for the planned KNP Definitive Feasibility Study (**DFS**).

Additionally, selected drill holes were extended beneath the nickel laterite to test conceptual shear-hosted gold targets within bedrock. The Goongarrie laterite has uniform gold anomalism, and is associated with a fertile gold structure being the Bardoc Tectonic Zone (**BTZ**).

The deep drilling confirmed discrete zones with multiple episodes of intense bedrock shearing and alteration along with alkaline intrusions, accounting for the deep weathering with thick high-grade nickel mineralisation at Goongarrie South.

Although there were multiple zones of strong gold pathfinder anomalism within laterite and bedrock shears, no significant gold intercepts were identified (peak AGSD0034, 4m at 0.57g/t gold, 0.2g/t silver, 12.6ppm antimony from 84m).

Ardea Managing Director, Andrew Penkethman:

*"The Goongarrie South core drilling was a further field test of the KNP low-carbon flowsheet model. The program tested well below the depth of historic RC drilling. It was important for confirming the expectation that premium goethite nickel-cobalt mineralisation would be located in the deeply weathered "V-shaped" structure at Goongarrie South. This structure hosts a premium High Pressure Acid Leach (**HPAL**) feed. Importantly, the high-magnesium mineralisation on the western contact of the "deep V" is targeted as an Atmospheric Leach (**AL**) feed.*

In terms of Mineralised Neutraliser, the neutraliser appears to be a sheet along the sides and below the AL feed. In a production situation, this material will be mined from the batters in pits extending to around 100m in vertical depth.

With the unique Goongarrie geological model yet again confirmed, we continue to await the results of the ALS benchscale metallurgy from Highway, as a control for the waiting Goongarrie program. These results will feed into ongoing DFS work flows and continue to enhance the KNP Goongarrie Hub as a globally significant source of sustainable and ethical nickel-cobalt for the lithium ion battery sector.

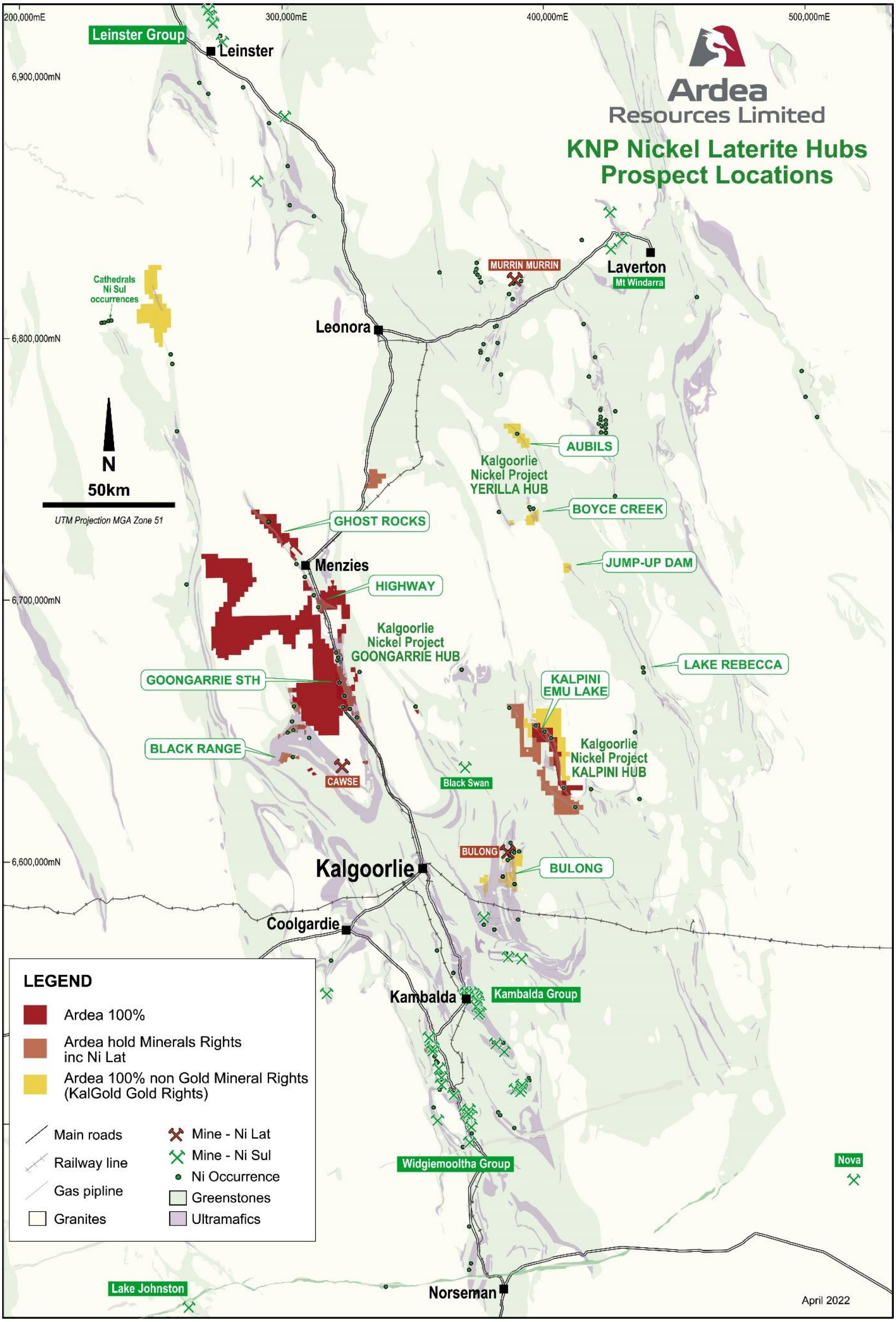


Figure 1: Ardea tenement plan highlighting the location of Goongarrie South within the Goongarrie Hub, including nickel laterite and nickel sulphide mines and occurrences within the region. Projection MGA 94 Zone 51.

1. METALLURGICAL DRILLING INTERCEPT SUMMARY

The drilling program was predicated on acquiring presentative "Run-of-Mine" (**ROM**) Material Types for the current ALS Balcatta bench-scale metallurgical program.

In particular, high-magnesium Atmospheric Leach and Neutraliser Material Types were targeted. These specific geo-metallurgical Material Types are integral to the KNP flowsheet, specifically the low-carbon objective.

These Material Types are largely lacking in historic bench-scale metallurgy.

The DD program has confirmed a consistent sheet geometry for the ROM mineralisation and is eminently suited to open pit bulk excavation.

With the deeper testing of the core drilling program, zones of a distinctive cave-fill style of clay mineralisation within saprock was identified, sometimes with very high nickel (**Ni**) and cobalt (**Co**) grade. As cave-fill, such zones can be variable and not always correlate between adjoining holes. However, in selective mining, the high-grade goethite clay will be easily recovered through visual grade control.

Intercepts in the metallurgical drilling at 0.5% Ni and 1% Ni cut-off grades include:

Table 1: Goongarrie South Metallurgical Drilling, Significant Intercepts.

Hole	Nickel Intercept 0.5%	From	To		Nickel Intercept 1%	From	To
AGSD0029	4m @ 0.741% Ni and 0.05% Co	24	28				
	2m @ 0.67% Ni and 0.024% Co	278	280				
AGSD0030	30m @ 0.92% Ni and 0.051% Co	28	58	*including*	6m @ 1.83% Ni and 0.117% Co	42	48
				and	2m @ 1.22% Ni and 0.027% Co	54	56
	17.37m @ 1.22% Ni and 0.086% Co	126	143.4	*including*	7.37m @ 1.94% Ni and 0.181% Co	136	143.4
	2m @ 0.5% Ni and 0.032% Co	152	154				
	4.8m @ 0.61% Ni and 0.091% Co	160	164.8				
AGSD0031	22m @ 0.79% Ni and 0.026% Co	28	50				
	8m @ 0.82% Ni and 0.042% Co	90	98	*including*	2m @ 1.27% Ni and 0.036% Co	96	98
	2m @ 0.84% Ni and 0.023% Co	118	120				
	18m @ 0.75% Ni and 0.046% Co	130	148	*including*	2m @ 1.58% Ni and 0.142% Co	146	148
	2m @ 0.69% Ni and 0.039% Co	156	158				
AGSD0032	26m @ 1.33% Ni and 0.029% Co	22	48	*including*	20m @ 1.53% Ni and 0.034% Co	28	48
	2m @ 0.72% Ni and 0.06% Co	56	58				
	26m @ 0.75% Ni and 0.032% Co	66	92	*including*	8m @ 1.10% Ni and 0.048% Co	68	76
	4m @ 0.54% Ni and 0.021% Co	98	102				
	12.6m @ 0.71% Ni and 0.04% Co	108	120.6				
AGSD0033	10m @ 0.66% Ni and 0.028% Co	12	22				
	14m @ 0.69% Ni and 0.022% Co	28	42	*including*	2m @ 1.54% Ni and 0.049% Co	38	40
AGSD0034	4m @ 0.52% Ni and 0.03% Co	22	*26*				
	58m @ 1.03% Ni and 0.065% Co	48	106	*including*	38m @ 1.21% Ni and 0.087% Co	66	104
AGSD0035	54m @ 0.67% Ni and 0.05% Co	22	76	*including*	4m @ 1.37% Ni and 0.078% Co	60	64

Minimum intercept thickness: 2m, Maximum internal waste thickness: 4m

Note: Drill-hole AGSD0036 was testing a conceptual gold target and intersected an alkaline intrusion, hence absence of Ni-Co

2. INTRODUCTION

Goongarrie South is located 70km northwest of the mining services capital of Australia, the City of Kalgoorlie-Boulder (Figure 1). With the Goongarrie South deposit containing the greatest concentration of the premium goethite (Figure 2) mineralisation within the KNP, it is the production focus to ensure enhanced financial metrics. For this reason, Goongarrie South was the mainstay of Ardea's previous Pre-feasibility Study (**PFS**) and Expansion Study (**ES**) (ASX releases 15 February 2018 and 24 July 2018), being the "centre of gravity" of the MRE with the highest nickel and cobalt grades.

The Goongarrie South Metallurgical Core Drilling (Figure 3) was designed following the resource estimation Feasibility Study programs completed in mid-2021 (Ardea ASX release 16 June 2021).

The drill program aimed to generate drill-core test material specifically suited to the three key KNP processing circuits, being High Pressure Acid Leach **(HPAL),** Atmospheric Leach (**AL**) and Mineralised Neutraliser (**Neut)**, as required for the low carbon KNP flowsheet.

Additionally, visual logging of the core with photography has allowed geometallurgical characterisation of comminution options, being SAG/ball mill grind (**Grind**) or screen beneficiation (**Bene**).

With a proposed KNP feed rate of 3.5Mtpa, the Goongarrie South AL and Neut feed are significant resources located immediately adjacent the proposed plant site. Historic PFS programs had minimal metallurgical data for the AL and Neut Material Types, hence the importance of the current metallurgical programs.

The Goongarrie Hub MRE at a 0.5% Ni cut-off grade is **556Mt at 0.68% Ni and 0.045% Co** for 3.8Mt of nickel and 248kt of cobalt (Ardea ASX release 16 June 2021, Table 5.1).

The Goongarrie South contribution to the Hub at a 0.5% Ni cut-off grade is **110Mt at 0.75% Ni and 0.053% Co** for 0.8Mt of nickel and 58kt of cobalt (Ardea ASX release 16 June 2021, Table 5.1). Of this MRE, the approximate distribution of mineralisation Material Types is:

• Goethite HPAL feed	84.3Mt at 0.78% Ni and 0.061% Co	Figure 2a, 2b
• Nontronite-serpentine AL feed	20.7Mt at 0.65% Ni and 0.030% Co	Figure 2d
• Mineralised Neutraliser	5.1Mt at 0.61% Ni and 0.028% Co	Figure 2c

There is a slight deficiency of AL feed at Goongarrie South which will be addressed by the abundant near-surface AL feed at the nearby Goongarrie Hill deposit (metallurgical drill results currently being interpreted).

Additionally, high-magnesium mineralisation that is >15% Fe is scheduled for the HPAL rather than AL circuit (Figure 2b). This proposal is subject to the results of current ALS bench-scale metallurgy. Such "transition" feed will be subject to "aging" on the ROM pad prior to leaching and will be blended with particularly high grade goethite feed.

The drilling needed to address comminution, beneficiation and geotechnical (pit wall) parameters, so intact core rather than pulverised RC chips was required for the studies.

3. DRILL STATISTICS

Drilling at Goongarrie South (Figure 1, 3) was completed over the period, 29 August 2021 to 01 October 2021. A total of 8 diamond drill holes for a total of 1,466.8 metres were drilled (AGSD0029 to 36). All holes were drilled to collect HQ drill core with a core diameter of 63.5mm to secure sufficient sample volume for bench-scale metallurgical test-work at ALS Balcatta.

No major drilling issues occurred. Minor issues included voids within the nickel laterite that made drilling difficult with poor core recovery, also a problem within bedrock shear zones.

Fig 2a
CUGZ
Clay Upper Goeth suited to Grind/HPAL circuit

AGSD0034
64.4-68.3m
1.07% Ni
0.159% Co
49.3% Fe
0.7% Mg
1.7% Si
15.6% LOI

Fig 2b
CLGE
Clay Lower Goeth suited to Grind/HPAL circuit

AGSD0034
99.2-103.1m
1.00% Ni
0.042% Co
20.2% Fe
10.8% Mg
11.7% Si
18.1% LOI

Fig 2c
SRMSG
Saprock Magnesite suited to Neutraliser circuit

AGSD0032
63.4-66.8m
0.52% Ni
0.041% Co
3.0% Fe
19.5% Mg
10.1% Si
37.1% LOI

Fig 2d
CVGEP
Clay Void Goe-Serp suited to Bene/AL circuit

AGSD0032
70.3-76.3m
0.94% Ni
0.037% Co
8.3% Fe
9.7% Mg
25.4% Si
14.9% LOI

Figure 2: Goongarrie South Material Types, being a "pseudo-section" from depth showing Clay Upper, then Clay Lower, then Saprock and finally Cave Fill goethite in a sub-vertical structure hosted within saprock.

Note that the saprock in figure 2c is a competent rock and should have geotechnical attributes suitable for pit wall batters.

4. GOONGARRIE SOUTH GEOLOGICAL MODEL

Sections are presented from south (Figure 4) to north (Figure 7) as a representation of the ROM nickel laterite mineralisation as required for the current systematic metallurgical evaluation.

Regolith - Mineralisation

There is a standard KNP regolith profile at Goongarrie South, with an alluvial and lacustrine cover that has contributed to an intense Eocene-aged tropical weathering environment (modern Indonesian wet tropical laterite weathering).

Pedogenic – Regolith Cycle 3 - Residual (youngest Cycle)

Modern soil profile, typical detrital quartz sand with colluvial hematitic clasts cemented by calcite at 0-2m and dolomite at 2-6m, commonly colluvial gravel horizons. The carbonate is suited to environmental neutralisation if required.

Laterite – Regolith Cycle 2 - Residual

Laterite Duricrust is dominantly ferruginous (>25% Fe) and usually develops on a mineralised goethite cumulate substrate. The Laterite Mottled is a distinctive dark red massive mottled kaolinitic clay and is unmineralised for nickel-cobalt, but significantly enriched in scandium (50-91ppm). The laterite is suited for site civil engineering.

Clay Upper – Regolith Cycle 1 - Residual (oldest Cycle)

The main mineralised zone at Goongarrie South is termed Clay Upper/Lower and occurs dominantly between the base of Cycle 2 Lateralised Alluvials and top of Cycle 1 Carbonated Saprock (Figures 4 - 7).

Clay Upper mineralogy is dominantly clay-textured goethite “mud”, with accessory asbolite, haematite, magnetite, chromite, kaolinite, gibbsite and silica. The ore zone in modelling is clearly defined by the >0.5% Ni grade shell, with associated Co, Mn, Cr, Zn and Cl enrichment.

Clay Upper is a very obvious HPAL feed, due to its high iron content (15 to 45% Fe).

The continuity of Clay Upper/Lower mineralisation ensures predictability and accuracy for mine scheduling, significantly diminishing production risks.

The base of Clay Upper is a geochemical contact termed the Magnesia Discontinuity (**MD**), characterised by a sharp increase in magnesium and silica with a corresponding decrease in iron and aluminium (which reflects palaeo-water table events onwards from the Eocene age). There is a marked increase in Ni, Co and Mn straddling the MD. This Material Type typically exceeds 1% Ni and 0.1% Co and irrespective of Fe and Mg contents is an HPAL rather than AL feed due to the likely >20% higher HPAL recoveries (subject to current ALS bench-scale metallurgy).

Clay Lower – Regolith Cycle 1 - Residual

Clay Lower is the mineralisation host below the Magnesia Discontinuity. There is invariably 2-10m of mineralised Clay Lower below the MD and above Saprock. Clay Lower is goethite, with accessory silica, nontronite-chlorite-serpentine (green flecks) and magnesite (white-brown coloration).

Clay Lower is clearly an AL feed (<15% Fe, typically >5% Mg).

Clay Void-fill – Regolith Cycle 1 - Residual

Clay Void-fill is a distinctive karst-style breccia deposit variously found throughout carbonate Saprock, consisting of irregular angular fragments of silicified “olivine cumulate textured” Saprock “floating” in a dark yellow or red goethitic mud matrix (Figure 2d). The matrix may contain very high nickel-cobalt grades. The carbonate “scats” are to be assessed as a neutraliser in the current ALS metallurgical program.

The silicified fragments may be suited as a SAG mill grinding media, which is attractive in view of the nickel credit of Clay Void-fill (typically 0.5-1.3% Ni).

Saprock – Regolith Cycle 1 - Residual

Saprock is a hard carbonated weathered rock with strong remnant olivine cumulate textures of the ultramafic bedrock. It is easily distinguished from the overlying soft ore, so the base of ore will be readily distinguished in grade control and selective mining.

Geochemically, Saprock has >5% Ca and >20% LOI. There is a strong vertical zonation with depth in Saprock, being dolomite to magnesite to silica and finally serpentinite with irregular veining of porcellanous magnesite and chalcedony.

Saprock is suited as an HPAL discharge neutraliser, with the focus on nickel-bearing carbonate (target 0.4- 0.8% Ni).

Protolith - Bedrock

The Goongarrie South nickel-cobalt mineralisation is hosted by the Walter Williams Formation (**WWF**), a 2.7 billon year old olivine cumulate komatiite volcanic flow sequence. The flow at its western contact overlies Missouri Basalt (conformable volcanic contact). The upper eastern contact is conformable Siberia Komatiite, with potential for a low-grade nickel, high magnesium laterite regolith (AL feed).

At Goongarrie South, the olivine cumulate weathers to deep goethite-gibbsite-silica clays (HPAL feed), and orthocumulate has a very thin carbonated saprock weathering profile (potential low-Ni Neutraliser, but pit strip ratios are better optimised by recovering Mineralised Neutraliser as “goodbye cuts” beneath the main mineralisation).

There are occasional intermediate alkaline intrusions at Goongarrie South that may be enriched in Ni-Co in the regolith, reflecting ground water remobilisation from adjoining ultramafic. These “composite” laterites commonly have Rare Metal (RM) enrichment within the Magnesia Discontinuity. When intersected within unweathered bedrock, the alkaline intrusions are barren (AGSD0036, 100-158m).

The ALS metallurgical composites will include a single sample to evaluate the potential gold-tungsten deportment as a gravity concentrate. This is a second priority target and won’t be tested until all the main hydrometallurgical studies are completed.

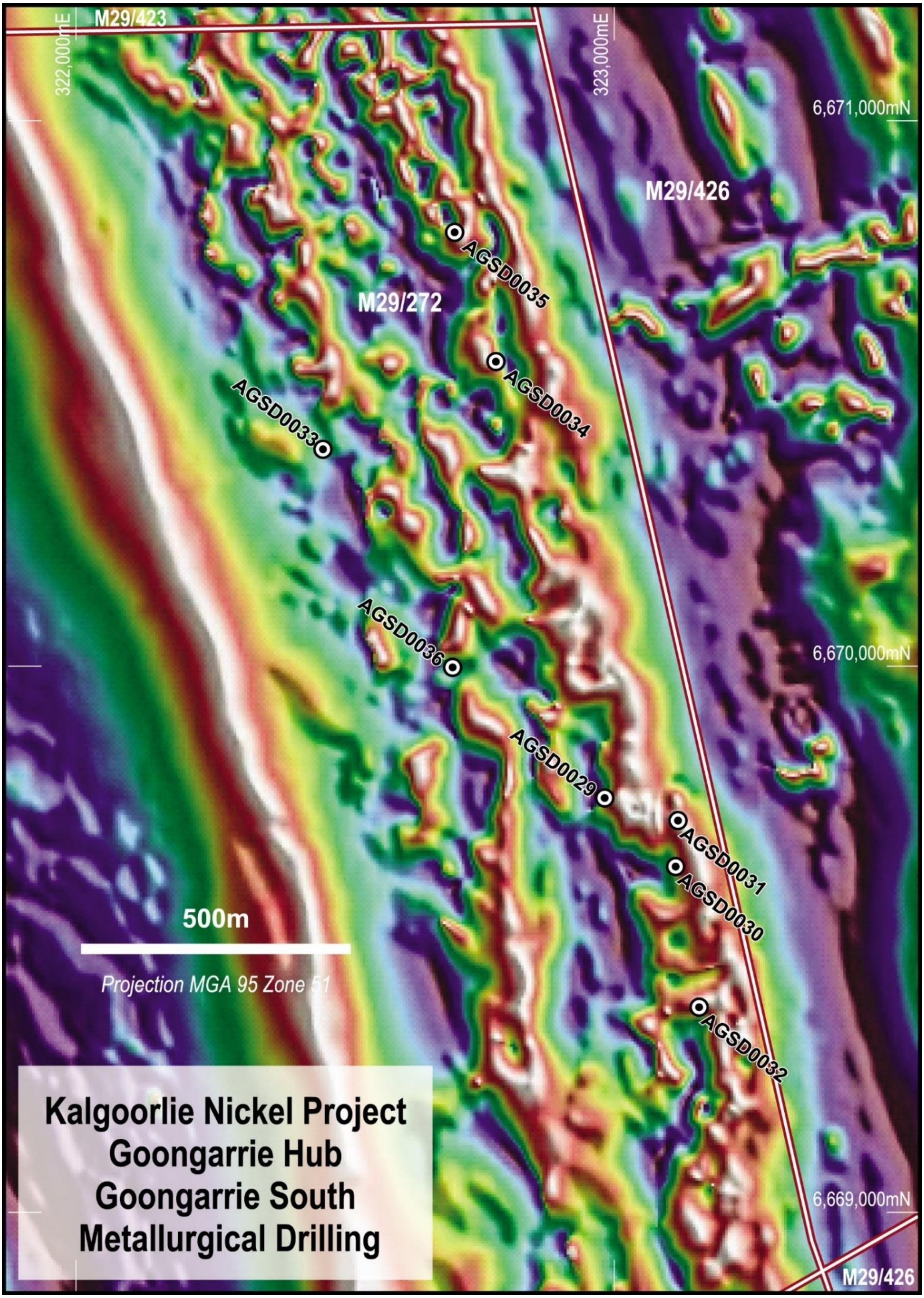


Figure 3 : Goongarrie South (KNP Feasibility Study) – Diamond drill hole collars and magnetics plan (TMI) 5m Tilt Angle of Reduced to Pole TMI with North. Projection MGA 94 Zone 51.

5. INTERPRETATIONS

Pit Designs and Geotechnical Implications

The high grades and thickness of laterite mineralisation at Goongarrie South is a reflection of an intense shearing and alteration setting within the host WWF olivine cumulate bedrock, where it has been intersected by the major BTZ regional structure.

Additionally, the Goongarrie South multi-element geochemistry suggests alkaline dykes have been emplaced into the WWF and BTZ, resulting in further alteration and ground preparation and thus intensity of deep lateritic weathering. The dykes appear to have a moderate east dip.

Based on the geometry of the "deep V" in drill cross sections, the BTZ structures are dominantly steeply west to sub-vertical.

Measured structure angles in drill core are variable. Because of the broken nature of the Goongarrie South drill core within mineralisation, recovery of orientated drill core was limited. Where orientated core was recovered in deeper bedrock zones, there was a multiple of shear directions and episodes identified, precisely as would be expected within a crustal-scale structure such as the BTZ.

In this structural setting, the DFS will need to critically assess the geotechnical designs for mining mineralisation to 100m vertical depths in WWF laterite. Fortunately, the non-mineralised WWF host rock outside of the laterite mineralisation shows good competency.

In particular, the Siberia Formation komatiite and basalt at the immediate east contact of the WWF appears to be relatively un-weathered and competent. Accordingly, key mine infrastructure, notably pit ramps, are likely to be positioned in the Siberia Formation. Cut-backs within WWF-hosted pits away from the contact will be designed around a Siberia Formation east-side ramp for ultimate pit egress.

With the 100m deep mineralisation, pit design optimisations will invariably capture large volumes of magnesium saprolite (AL feed) and Neutraliser beneath and on the sides of the goethite mineralisation (the target HPAL feed).

In reference to Section 666 9640mN (Figure 5), the optimised mine floor is likely to be around 120m vertical depth at the base of exploration drill-hole GSRC0902. The eastern batter would likely closely follow the base of mineralisation with a pit slope of around 45^0 (approximating the base of drill-holes GSRC1034, 0901, 1033, 0900 and 0889, on the basis that the historic holes drilled by Heron were stopped as soon as carbonated saprock was intersected, with Heron in 1999-2000 being severely cash-constrained and needing to limit drill costs). Accordingly, such historic drilling failed to evaluate key components of the KNP flow-sheet being the AL and Neut feed. The pit optimiser will not pursue Neut feed on the east-side (since no grade data available to drive the pit deeper).

In contrast, the west-side mineralisation has a sub-vertical contact as demonstrated by Ardea drill-hole AGSD0030, representing mineralisation hosted within a sub-vertical structure. The pit optimiser will model using the batter angle recommended from geotechnical studies, and will unequivocally generate a large volume of saprock Neut feed (at this stage, with unknown grade since no historic drilling before the current Ardea program). This is not important since grade control drilling most likely in blast-holes will allow the best mineralised neutraliser to be "cherry-picked" from waste material.

These outcomes demonstrate the ability of Goongarrie South to deliver an outcome with an almost pre-determined ability to best match the proposed flow-sheet.

Once the in-progress ALS metallurgical test work program has been completed, the additional information gained will be utilised in completing the DFS resource optimisation, mine plan and detailed schedule to enable an updated ore reserve to be defined.

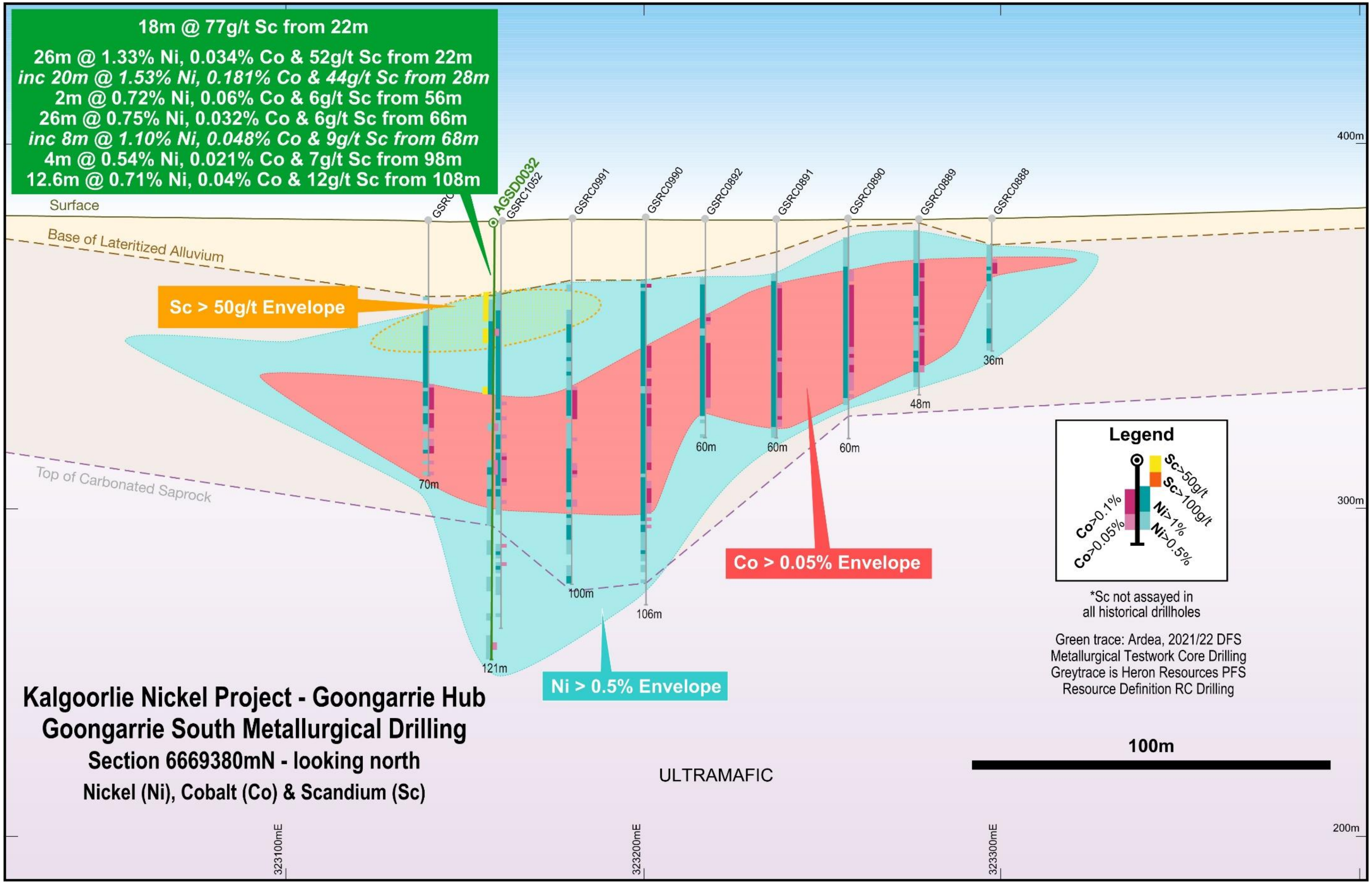


Figure 4: Section 666 9380mN

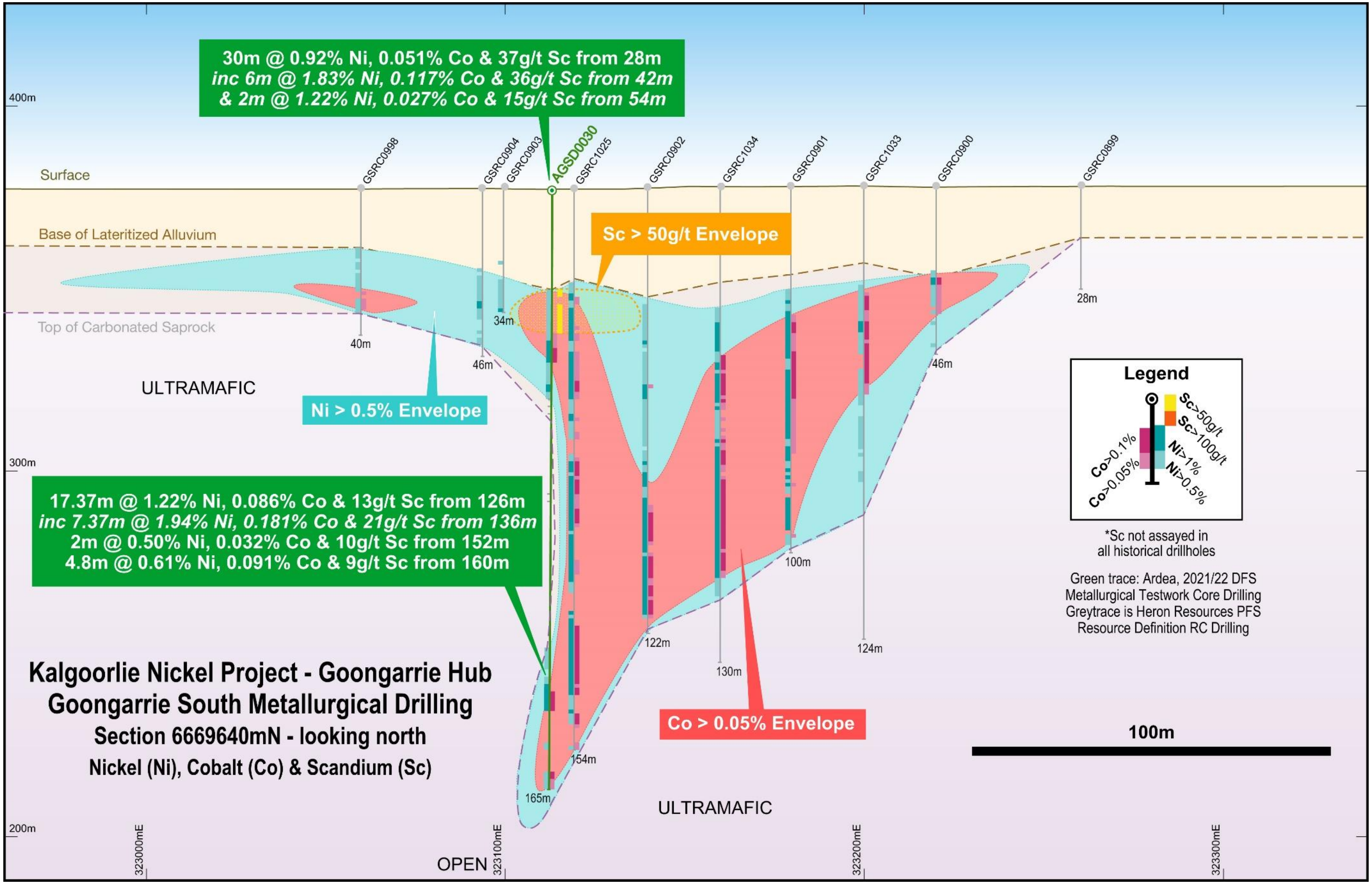


Figure 5:Section 666 9640mN

Scandium By-product

Sections 667 0555mN and 667 0800N (Figures 6 and 7) have amongst the highest scandium grades seen within the KNP.

The project development model has been to focus solely on nickel-cobalt recovery, specifically with Grind/HPAL plant feed. The strategy has been to only consider a scandium/rare earth refining circuit following ramp up of the nickel-cobalt project. The continuity and higher-grade scandium within the upper laterite at Goongarrie South mean a further study of scandium economics is required in the DFS.

Intercepts at a 50ppm Sc cut-off grade include:

Table 2 Goongarrie South Metallurgical Drilling, Significant Intercepts of scandium

Hole	Scandium Intercept	From	To
AGSD0030	12m @ 61 ppm Sc	28	40
AGSD0031	10m @ 72 ppm Sc	22	32
AGSD0032	8m @ 77 ppm Sc	20	28
AGSD0033	2m @ 54 ppm Sc	4	6
AGSD0034	16m @ 77 ppm Sc	12	28
AGSD0035	4m @ 55 ppm Sc	16	20

Minimum intercept thickness: 2m, Maximum internal waste thickness: 4m

Precious Metals and Pathfinders

CSIRO and Ardea have previously reported a joint R&D project on precious metals in the Goongarrie South laterite, noting pervasive >0.5g/t Au in the laterite (ASX release 27 May 2021, Figure 1).

The nickel laterite in the recent drilling sporadically assays at 0.05 to 0.57g/t Au, with up to 1,220g/t Ag, 0.3% W, 51ppm Sb and 7ppm Bi (the Ag, W are likely contamination).

Within bedrock, the assays are an order of magnitude lower, suggesting that the observed laterite precious metal enrichment is a regolith-related supergene event as is seen for the siderophile metals Fe, Ni, Co, Mn and Zn.

The silver-tungsten enrichment is an enigma which requires resolution (likely a contamination effect since the drill bits include a tungsten-silver-copper matrix). The anomalous W-Ag-Cu intervals also have a Au, Sb and Bi association (possibly the bedrock alteration associated with the gold pathfinders makes the rock harder and thus more likely to cause drill bit damage).

The anomalies will be further investigated, however, far more urgent DFS programs have priority.

Heavy Minerals By-product

The current flow-sheet proposes the following comminution circuit:

- Jaw-crush then to SAG mill for a -1mm feed.
- Gravity circuit (cyclones, spirals) for chromite removal (due to the potentially abrasive nature of chromite grains in the HPAL autoclave).
- Either Grind circuit for non-siliceous feed or Bene circuit for low-grade nickel siliceous feed.

The chromite concentrate may potentially contain heavy minerals, inferred from the multi-element suite to include gold, scheelite and even lithium (lithiophorite identified in CSIRO R&D, ASX announcement 24 May 2021, but the maximum lithium assay in the current program was limited at 105ppm Li).

Assessment of the mineralogical hosts and heavy mineral recovery options is a low-priority work stream in the current ALS bench-scale metallurgy program.

6. SUMMARY AND CONCLUSIONS

The Goongarrie South Metallurgical Drilling has been a valuable addition to the Feasibility Study work programs. The Kalgoorlie Team are to be commended for their program execution.

Key highlights include:

- Successful completion of 8 HQ core holes for 1,466.8 metres with no safety incidents
- Good geological and assay correlation between new Ardea twin diamond drill (DD) holes and historic Reverse Circulation (RC) holes, providing confidence in the Goongarrie South MRE.
- It is recommended that the DFS program includes close-spaced deep drill-holes (20x10m pattern) to precisely locate the “deep V”, in order to optimise pit designs.
- With the uniform 12-20m lateritised alluvial cover, a trial pit for obtaining bulk samples for final flow-sheet metallurgical piloting could be a lengthy exercise (the KNP Strategic Partner transaction structure requires Ardea to be free-carried in the DFS, so the potential cost is not an issue for Ardea). Accordingly, large diameter Calweld bucket drill-holes are being evaluated for an expeditious bulk sample acquisition, if required (930mm diameter, sample weight per metre approximately 1,100kg, as used in the Coober Pedy opal fields).
- The premium high grade goethite mineralisation conforms well with bulk tonnage domaining, and for the critical period of project Payback, will significantly contribute to the KNP Goongarrie Hub HPAL feed, at the proposed rate of 3.0Mtpa.
- The nontronite-serpentine mineralisation that underlies the goethite at depth at Goongarrie South was not targeted in historic drilling. This high-magnesium mineralisation is a key component of the proposed KNP AL feed at the proposed rate of 0.5Mtpa.
- The Atmospheric Leach material provides strategic benefits in terms of resource utilisation, onsite energy sourcing and carbon footprint reduction. The Goongarrie South drill results continue to provide good support for the KNP low-carbon model.
- Test work continues to advance at the ALS metallurgical laboratory in Balcatta Perth, specifically evaluating the AL and Mineralised Neutraliser components of the flowsheet (Ardea ASX release 25 January 2022).
- Once test work results are available, the knowledge gained will be incorporated into the detailed resource optimisation, mine design and scheduling studies that will be the basis for defining an ore reserve for the DFS.

Mineralisation

Goongarrie South is the key constituent lateritic deposit that will contribute to the ore reserves being defined at the KNP Goongarrie Hub, as part of ongoing DFS work.

Continuity of mineralisation is strong between drill holes (Figure 4-7). The KNP Goongarrie Hub is dominantly a “goethite style” (yellow) laterite nickel-cobalt deposit. All defined intercepts from the 2021 Goongarrie South program are listed in Appendix 3.

7. ONGOING WORK AT GOONGARRIE SOUTH

The 2021 Goongarrie South drilling is the source of metallurgical test material for current DFS programs.

The programs are being run at ALS Balcatta and are supervised by Ardea’s full-time metallurgical team.

Geo-metallurgy

The ALS bench-scale programs will test the geo-metallurgical interpretations from the seven Ardea Goongarrie South core holes immediately the current ALS Highway program is completed.

Specifically, the amenability to screen beneficiation at Goongarrie South and generating algorithms to predict leach feed grades is required before Goongarrie Hub DFS pit optimisations can commence.

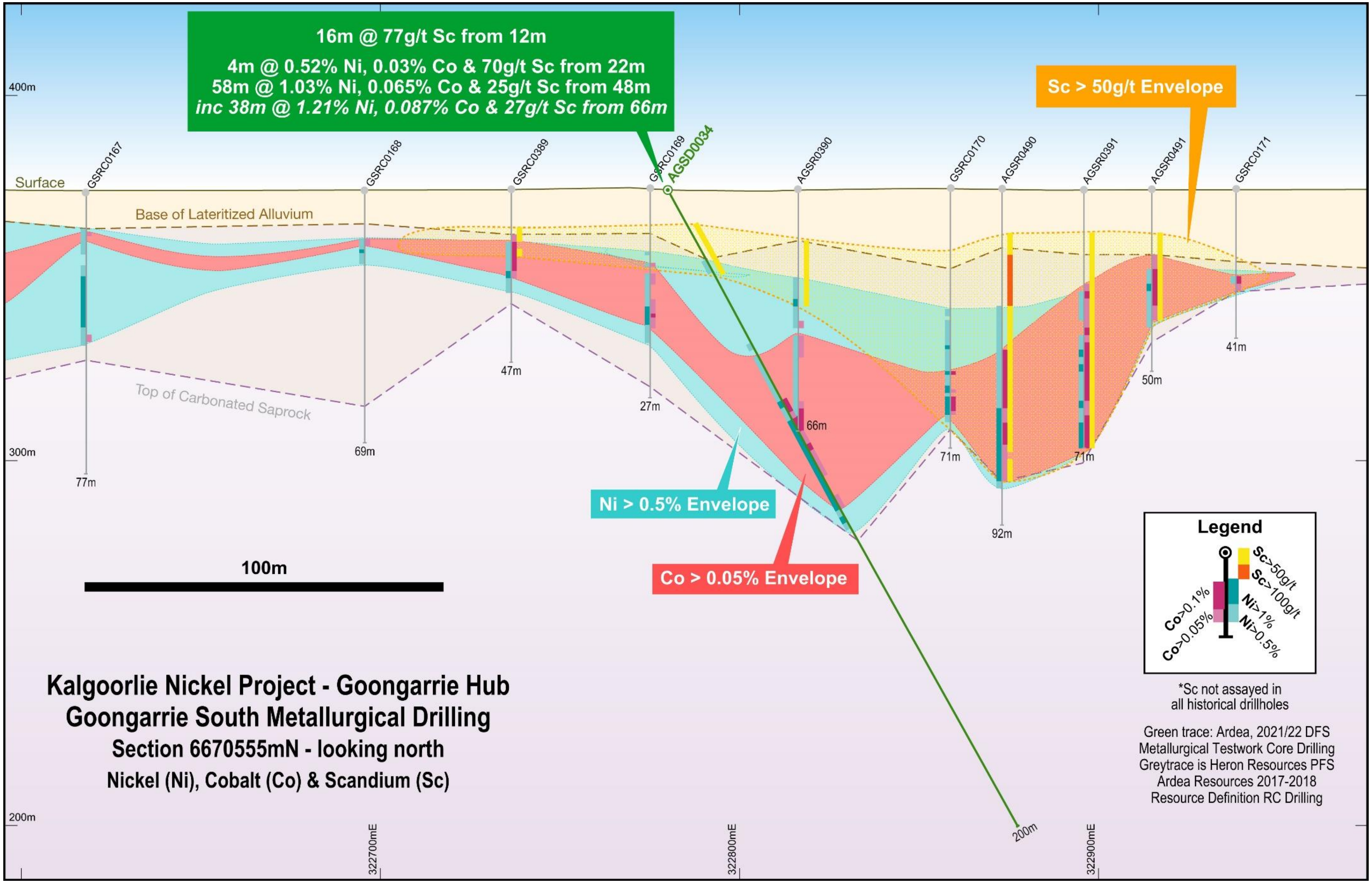


Figure 6: Section 667 0555mN

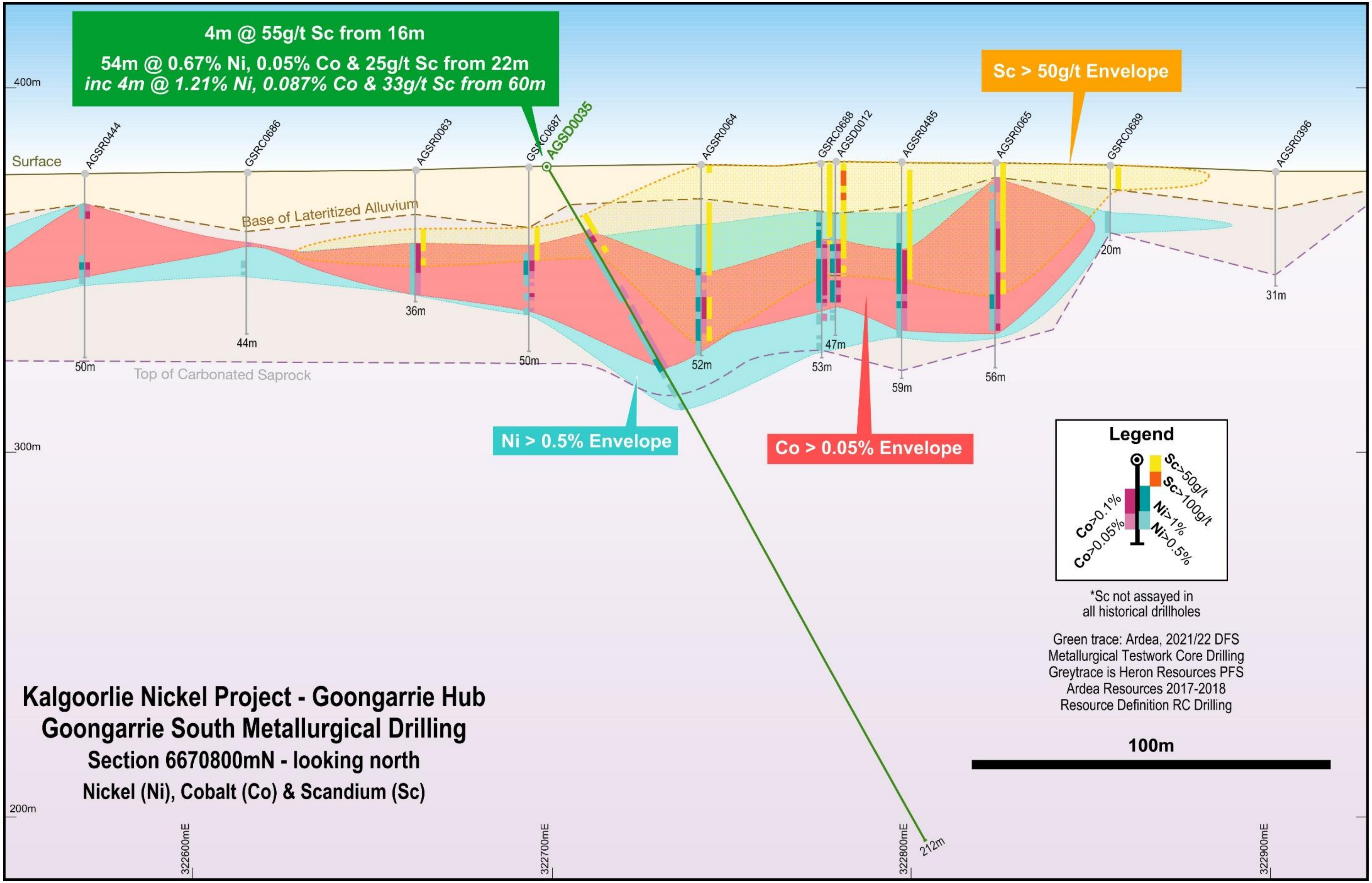


Figure 7: Section 667 0800mN

This announcement is authorised for release by the Board of Ardea Resources Limited.

For further information regarding Ardea, please visit https://ardearesources.com.au/ or contact:

Andrew Penkethman
Managing Director and Chief Executive Officer
Tel +61 8 6244 5136

About Ardea Resources

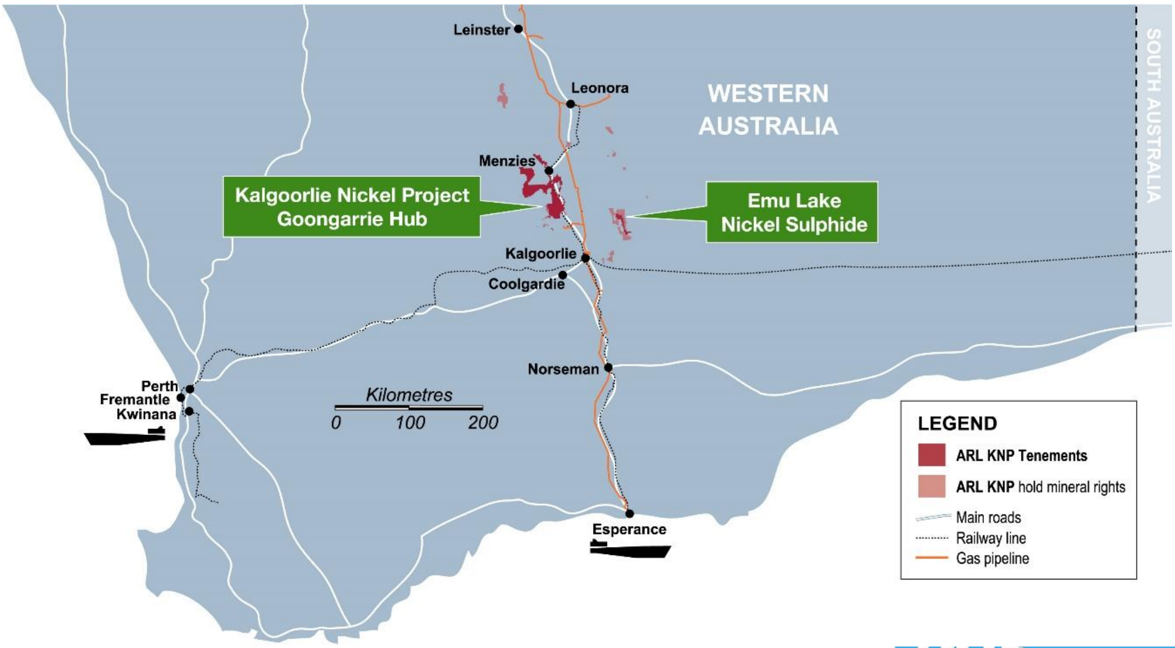
Ardea Resources (ASX:ARL) is an ASX-listed nickel resources company, with a large portfolio of 100%-controlled West Australian-based projects, focussed on:

- Development of the Kalgoorlie Nickel Project (**KNP**) and its sub-set the Goongarrie Hub, a globally significant series of nickel-cobalt and Critical Mineral deposits which host the largest nickel-cobalt resource in the developed world at **830Mt at 0.71% nickel and 0.046% cobalt for 5.9Mt of contained nickel and 380kt of contained cobalt** (Ardea ASX releases 15 February, 16 June 2021), located in a jurisdiction with exemplary Environmental Social and Governance (**ESG**) credentials, notably environment.
- Advanced-stage exploration at compelling nickel sulphide targets, such as Emu Lake, and Critical Minerals targets including scandium and Rare Earth Elements throughout the KNP Eastern Goldfields world-class nickel-gold province, with all exploration targets complementing the KNP nickel development strategy.

Ardea's KNP development with its 5.9 million tonnes of contained nickel is the foundation of the Company, with the nickel sulphide exploration, such as Emu Lake, as an evolving contribution to Ardea's building of a green, forward-facing integrated nickel company.

Put simply, in the Lithium Ion Battery (**LIB**) sector, the Electric Vehicle and Energy Storage System battery customers demand an ESG-compliant, sustainable, and ethical supply chain for nickel and other inputs. In the wet tropics, with their signature HPAL submarine tailings disposal and rain forest habitat destruction, an acceptable ESG regime is problematic. In contrast, the world-class semi-arid, temperate KNP Great Western Woodlands with its benign environmental setting is likely the single greatest asset of the KNP.

The KNP is located in a well-established mining jurisdiction with absolute geopolitical acceptance and none of the land-use and societal conflicts that commonly characterise nickel laterite proposals elsewhere. All KNP Goongarrie Hub production tenure is on granted Mining Leases with Native Title Agreement in place.



Follow Ardea on social media

CAUTIONARY NOTE REGARDING FORWARD-LOOKING INFORMATION

This news release contains forward-looking statements and forward-looking information within the meaning of applicable Australian securities laws, which are based on expectations, estimates and projections as of the date of this news release.

This forward-looking information includes, or may be based upon, without limitation, estimates, forecasts and statements as to management's expectations with respect to, among other things, the timing and amount of funding required to execute the Company's exploration, development and business plans, capital and exploration expenditures, the effect on the Company of any changes to existing legislation or policy, government regulation of mining operations, the length of time required to obtain permits, certifications and approvals, the success of exploration, development and mining activities, the geology of the Company's properties, environmental risks, the availability of labour, the focus of the Company in the future, demand and market outlook for precious metals and the prices thereof, progress in development of mineral properties, the Company's ability to raise funding privately or on a public market in the future, the Company's future growth, results of operations, performance, and business prospects and opportunities. Wherever possible, words such as "anticipate", "believe", "expect", "intend", "may" and similar expressions have been used to identify such forward-looking information. Forward-looking information is based on the opinions and estimates of management at the date the information is given, and on information available to management at such time.

Forward-looking information involves significant risks, uncertainties, assumptions, and other factors that could cause actual results, performance, or achievements to differ materially from the results discussed or implied in the forward-looking information. These factors, including, but not limited to, the ability to create and spin-out a gold focussed Company, fluctuations in currency markets, fluctuations in commodity prices, the ability of the Company to access sufficient capital on favourable terms or at all, changes in national and local government legislation, taxation, controls, regulations, political or economic developments in Australia or other countries in which the Company does business or may carry on business in the future, operational or technical difficulties in connection with exploration or development activities, employee relations, the speculative nature of mineral exploration and development, obtaining necessary licenses and permits, diminishing quantities and grades of mineral reserves, contests over title to properties, especially title to undeveloped properties, the inherent risks involved in the exploration and development of mineral properties, the uncertainties involved in interpreting drill results and other geological data, environmental hazards, industrial accidents, unusual or unexpected formations, pressures, cave-ins and flooding, limitations of insurance coverage and the possibility of project cost overruns or unanticipated costs and expenses, and should be considered carefully. Many of these uncertainties and contingencies can affect the Company's actual results and could cause actual results to differ materially from those expressed or implied in any forward-looking statements made by, or on behalf of, the Company. Prospective investors should not place undue reliance on any forward-looking information.

Although the forward-looking information contained in this news release is based upon what management believes, or believed at the time, to be reasonable assumptions, the Company cannot assure prospective purchasers that actual results will be consistent with such forward-looking information, as there may be other factors that cause results not to be as anticipated, estimated or intended, and neither the Company nor any other person assumes responsibility for the accuracy and completeness of any such forward-looking information. The Company does not undertake, and assumes no obligation, to update or revise any such forward-looking statements or forward-looking information contained herein to reflect new events or circumstances, except as may be required by law.

No stock exchange, regulation services provider, securities commission or other regulatory authority has approved or disapproved the information contained in this news release.

Compliance Statement (JORC 2012)

The exploration and industry benchmarking summaries are based on information reviewed or compiled by Mr. Ian Buchhorn, who is a Member of the Australasian Institute of Mining and Metallurgy. Mr Buchhorn is a full-time employee of Ardea Resources Limited and has sufficient experience, which is relevant to the style of mineralisation and type of deposit under consideration and to the activity which he is undertaking 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 Buchhorn has reviewed this press release and consents to the inclusion in this report of the information in the form and context in which it appears. Mr Buchhorn owns Ardea shares.

Appendix 1 – Collar location data

Drillholes by Ardea Resources at Goongarrie South

Drill hole	Historic Twin	Type	Depth (m)	Tenement	Grid	Easting (mE)	Northing (mN)	RL (mASL)	Dip (°)	Azi (°)
AGSD0029		DD	326.9	M29/00272	MGA94_51	322980	6669758	376.31	-60	90
AGSD0030	GSRC1025	DD	164.8	M29/00272	MGA94_51	323113	6669635	377.62	-90	0
AGSD0031	GSRC1030	DD	161.7	M29/00272	MGA94_51	323114	6669717	377.07	-90	0
AGSD0032	GSRC1052	DD	120.6	M29/00272	MGA94_51	323158	6669375	379.29	-90	0
AGSD0033	GSRC0650	DD	70	M29/00272	MGA94_51	322454	6670399	372.74	-90	0
AGSD0034		DD	200	M29/00272	MGA94_51	322780	6670559	374.37	-60	90
AGSD0035		DD	212	M29/00272	MGA94_51	322699	6670799	377.69	-60	90
AGSD0036		DD	210.8	M29/00272	MGA94_51	322698	6669999	373.91	-60	90

Appendix 2 – Assay results from Goongarrie South Metallurgical Drilling

All assays from recent drilling at Goongarrie South.

Abbreviations used: Ni – nickel, Co – cobalt, Mn – Manganese, Sc – scandium, Cr – chromium,

Fe – iron, Mg – magnesium, Al – aluminium, Si – silicon, **LOI** – Loss on Ignition, Nd – neodymium (a REE), Pr – praseodymium (a REE), Au – gold, Ag – Silver, W Tungsten, Sb – Antimony, Bi – Bismuth ,Pb – Lead, As – arsenic, Li – Lithium

g/t – grams per tonne (=ppm parts per million), bd – below detection, ns – no sample.

Hole	From (m)	To (m)	Sample number	Ni (%)	Co (%)	Mn (%)	Sc (g/t)	Cr (%)	Fe (%)	Mg (%)	Al (%)	Si (%)	LOI (%)	Nd (ppm)	Pr (ppm)	Au (ppm)	Ag (ppm)	W (ppm	Sb (ppm	Bi (ppm)	Pb (ppm)	As (ppm)	Li (ppm)
AGSD0029	0	2	AR044226	ns	ns	ns	ns	ns	ns	ns	ns	ns	ns	ns	ns	ns	ns	ns	ns	ns	ns	ns	ns
AGSD0029	2	4	AR044227	0.03	0.005	0.0	14	0.1	4.3	2.4	4.6	30.3	10.1	9.3	2.5	0.006	2.1	8	0.4	0.2	bd	bd	bd
AGSD0029	4	6	AR044228	0.03	0.001	0.0	22	0.1	8.2	0.5	6.3	32.2	4.6	3.1	0.9	0.004	3.6	18	0.8	0.3	bd	10	bd
AGSD0029	6	8	AR044229	0.02	0.002	0.0	33	0.4	27.4	0.4	5.5	19.5	5.2	4.9	1.3	0.003	1.4	8	1.9	0.4	bd	20	bd
AGSD0029	8	10	AR044232	0.06	0.009	0.0	21	0.8	29.0	0.2	6.8	15.6	7.9	2.3	0.6	0.003	0.2	17	6.8	0.4	bd	80	25
AGSD0029	10	12	AR044233	0.11	0.015	0.0	20	1.5	51.8	0.1	3.1	3.1	10.1	0.9	0.3	0.003	0.1	22	11.8	0.3	bd	120	bd
AGSD0029	12	14	AR044234	0.07	0.007	0.0	19	1.6	46.6	0.1	3.9	3.5	13.2	0.5	0.1	0.002	bd	17	11.7	0.3	bd	110	3
AGSD0029	14	16	AR044235	0.08	0.006	0.0	23	1.1	48.7	0.0	3.6	3.7	12.0	0.6	0.2	bd	bd	8	5.4	0.2	bd	50	4
AGSD0029	16	18	AR044236	0.11	0.008	0.0	28	1.3	44.3	0.0	5.8	4.3	12.9	0.6	0.2	bd	bd	8	6.3	0.2	bd	70	15
AGSD0029	18	20	AR044237	0.15	0.009	0.0	35	1.4	30.9	0.1	9.7	9.2	13.2	0.8	0.2	0.003	bd	7	5.4	0.2	bd	80	21
AGSD0029	20	22	AR044238	0.39	0.024	0.0	48	1.3	31.9	0.2	8.8	9.9	12.6	1.6	0.4	0.003	0.1	7	7.7	0.1	bd	70	23
AGSD0029	22	24	AR044239	0.43	0.032	0.0	39	1.0	21.4	0.4	6.2	20.7	9.2	0.8	0.2	bd	bd	3	2.9	0.1	bd	10	10
AGSD0029	24	26	AR044242	0.67	0.058	0.0	22	1.6	10.3	0.4	1.4	34.5	3.6	0.6	0.2	0.002	0.1	3	1.4	bd	bd	bd	13
AGSD0029	26	28	AR044243	0.81	0.042	0.0	22	1.3	18.8	0.6	1.6	27.4	6.0	2.2	0.6	0.023	1.6	7	1.3	0.1	bd	20	7
AGSD0029	28	30	AR044244	0.09	0.005	0.0	1	0.1	3.5	0.1	0.1	43.6	1.1	29.7	8.2	0.004	0.3	2	0.5	bd	bd	bd	8
AGSD0029	30	32	AR044245	0.10	0.007	0.1	2	0.1	3.1	0.6	0.1	43.1	1.5	0.8	0.2	0.003	1.6	10	0.8	bd	bd	bd	9
AGSD0029	32	34	AR044246	0.18	0.016	0.1	3	0.9	5.1	1.0	0.4	40.2	2.3	0.7	0.2	0.01	0.3	3	0.9	bd	bd	10	12
AGSD0029	34	36	AR044247	0.28	0.019	0.0	13	1.0	12.1	0.8	1.6	33.1	4.7	1.0	0.3	0.009	18.6	75	2.6	0.1	bd	20	8
AGSD0029	36	38	AR044248	0.23	0.016	0.0	10	0.5	12.6	1.3	0.6	34.2	3.9	1.0	0.3	0.016	7.7	21	1.8	0.0	bd	10	13
AGSD0029	38	40	AR044249	0.13	0.008	0.0	3	0.3	4.4	1.2	0.2	41.7	1.4	0.6	0.2	0.008	0.7	4	0.3	bd	bd	bd	11
AGSD0029	40	42	AR044252	0.13	0.01	0.0	4	0.3	4.5	0.9	0.2	41.8	1.4	0.7	0.2	0.003	0.9	5	0.6	bd	bd	bd	12
AGSD0029	42	44	AR044253	0.24	0.018	0.1	3	0.3	4.6	3.8	0.2	38.3	4.0	0.4	0.1	0.007	bd	2	1	0.0	bd	bd	9
AGSD0029	44	46	AR044254	0.16	0.008	0.0	4	0.3	4.5	3.4	0.2	39.2	2.8	0.2	0.1	0.006	bd	2	0.8	bd	bd	bd	10
AGSD0029	46	48	AR044255	0.17	0.009	0.0	3	0.4	5.0	1.6	0.2	40.7	1.8	0.2	0.1	0.004	bd	2	0.8	bd	bd	bd	15

Hole	From (m)	To (m)	Sample number	Ni (%)	Co (%)	Mn (%)	Sc (g/t)	Cr (%)	Fe (%)	Mg (%)	Al (%)	Si (%)	LOI (%)	Nd (ppm)	Pr (ppm)	Au (ppm)	Ag (ppm)	W (ppm)	Sb (ppm)	Bi (ppm)	Pb (ppm)	As (ppm)	Li (ppm)
AGSD0029	48	50	AR044256	0.25	0.013	0.2	5	0.3	2.7	15.5	0.4	21.0	22.8	0.2	0.1	0.002	bd	2	0.7	bd	bd	bd	7
AGSD0029	50	52	AR044257	0.20	0.011	0.1	3	0.1	1.6	16.9	0.2	16.4	31.2	0.1	0.0	0.002	bd	1	0.3	bd	bd	10	11
AGSD0029	52	54	AR044258	0.17	0.006	0.1	2	0.1	2.1	15.8	0.1	15.5	32.0	0.1	0.0	bd	0.1	1	0.3	bd	bd	bd	7
AGSD0029	54	56	AR044259	0.17	0.009	0.1	1	0.1	0.8	17.5	0.1	14.2	34.3	0.1	0.0	bd	bd	1	0.4	0.0	bd	bd	11
AGSD0029	56	58	AR044262	0.42	0.021	0.2	3	0.1	1.9	18.3	0.1	8.9	38.7	0.1	0.0	0.004	bd	2	0.8	bd	bd	bd	bd
AGSD0029	58	60	AR044263	0.30	0.016	0.2	2	0.3	2.8	10.8	0.1	24.2	21.4	0.1	0.0	0.007	bd	2	1	bd	bd	bd	20
AGSD0029	60	62	AR044264	0.13	0.007	0.2	2	0.2	2.0	5.7	0.1	35.3	10.1	0.2	0.0	0.04	0.3	2	1.3	0.0	bd	bd	6
AGSD0029	62	64	AR044265	0.17	0.01	0.1	2	0.3	2.9	6.1	0.2	31.6	12.3	0.3	0.1	0.027	0.1	3	0.9	bd	bd	bd	5
AGSD0029	64	66	AR044266	0.33	0.019	0.2	3	0.5	4.0	9.1	0.2	26.8	17.2	0.2	0.0	0.015	0.2	3	1.1	bd	bd	bd	6
AGSD0029	66	68	AR044267	0.28	0.015	0.1	5	0.6	3.8	8.1	0.3	27.8	15.6	0.3	0.1	0.026	0.1	2	1.1	bd	bd	bd	5
AGSD0029	68	70	AR044268	0.23	0.013	0.2	2	0.3	2.9	11.7	0.2	21.9	22.4	0.4	0.1	0.032	0.2	4	0.9	bd	bd	bd	3
AGSD0029	70	72	AR044269	0.23	0.014	0.2	4	0.3	3.2	14.9	0.4	18.6	24.9	0.9	0.2	0.018	bd	2	0.4	bd	bd	bd	bd
AGSD0029	72	74	AR044272	0.26	0.015	0.2	14	0.3	3.8	15.5	2.1	9.5	28.2	4.7	0.9	0.074	0.5	4	0.6	bd	bd	bd	41
AGSD0029	74	76	AR044273	0.33	0.015	0.2	19	0.1	2.6	13.1	4.5	9.6	28.6	5.1	1.0	0.01	bd	bd	0.3	0.0	bd	bd	15
AGSD0029	76	78	AR044274	0.26	0.012	0.1	14	0.3	3.1	15.7	3.1	13.7	24.6	1.4	0.3	0.024	0.4	3	0.6	0.0	bd	bd	15
AGSD0029	78	80	AR044275	0.20	0.009	0.1	4	0.4	3.6	14.7	0.3	20.8	22.4	0.4	0.1	0.091	0.5	1	0.5	bd	bd	10	2
AGSD0029	80	256	AGSD0029_80_255.6	ns	ns	ns	ns	ns	ns	ns	ns	ns	ns	ns	ns	ns	ns	ns	ns	ns	ns	ns	ns
AGSD0029	255.6	258	AR044367A	0.27	0.011	0.1	5	0.2	4.6	21.9	0.3	15.4	17.9	0.2	0.1	0.041	bd	3	5.7	0.1	bd	100.0	ns
AGSD0029	258	260	AR044368A	0.28	0.012	0.1	5	0.2	4.6	22.6	0.3	16.2	16.0	0.2	0.0	0.024	bd	5	5	0.0	bd	130.0	ns
AGSD0029	260	262	AR044369A	0.19	0.011	0.1	9	0.2	5.2	20.9	0.9	14.2	18.8	0.2	0.1	0.004	bd	4	2.1	bd	bd	20.0	ns
AGSD0029	262	264	AR044372A	0.27	0.013	0.1	5	0.2	5.0	22.2	0.3	17.0	14.8	0.2	0.0	0.013	bd	4	5.7	0.0	bd	50.0	ns
AGSD0029	264	266	AR044373A	0.26	0.012	0.1	5	0.2	4.0	22.7	0.3	17.9	14.3	0.4	0.1	0.017	bd	1	4.7	0.1	bd	30.0	ns
AGSD0029	266	268	AR044374A	0.24	0.01	0.0	5	0.2	4.3	22.9	0.3	18.5	13.2	0.5	0.1	0.032	bd	2	4.9	0.1	bd	20.0	ns
AGSD0029	268	270	AR044375A	0.26	0.01	0.0	5	0.2	3.7	23.1	0.3	18.8	13.1	0.5	0.1	0.023	bd	2	7.9	0.1	bd	60.0	ns
AGSD0029	270	272	AR044376A	0.25	0.013	0.1	6	0.2	5.1	22.9	0.4	17.4	13.6	0.4	0.1	0.019	bd	6	4	0.0	100	30.0	ns
AGSD0029	272	274	AR044377A	0.23	0.012	0.1	6	0.2	6.1	23.6	0.5	17.1	11.8	0.3	0.1	0.017	bd	5	1.8	0.1	100	10.0	ns
AGSD0029	274	276	AR044380A	0.33	0.014	0.1	6	0.3	5.8	22.1	0.5	18.2	12.3	0.3	0.1	0.008	bd	4	2.1	0.1	100	10	ns
AGSD0029	276	278	AR044381A	0.38	0.016	0.1	8	0.5	7.6	20.6	0.7	18.7	11.3	0.4	0.1	0.008	bd	3	2.1	0.0	100	10	ns
AGSD0029	278	280	AR044382A	0.67	0.024	0.1	9	0.8	10.5	17.9	0.7	17.5	12.2	0.4	0.1	0.006	bd	3	2.1	0.0	100	30	ns
AGSD0029	280	282	AR044383A	0.28	0.014	0.1	6	0.4	7.6	18.8	0.5	21.0	10.3	0.3	0.1	0.011	bd	3	1.8	0.1	100	30	ns
AGSD0029	282	284	AR044384A	0.23	0.012	0.1	6	0.3	7.1	21.3	0.3	16.6	15.4	0.2	0.0	0.054	bd	1	1.9	0.1	bd	50	ns
AGSD0029	284	286	AR044385A	0.23	0.012	0.1	7	0.5	7.1	20.9	0.6	17.1	13.4	0.2	0.0	0.018	bd	2	2.5	0.3	100	30	ns
AGSD0029	286	288	AR044388A	0.31	0.029	0.5	8	0.5	5.8	21.5	1.0	13.4	22.1	1.0	0.2	0.025	5.7	32	3.4	3.5	bd	20	ns
AGSD0029	287.5	327	AGSD0029_287.5_326.9	ns	ns	ns	ns	ns	ns	ns	ns	ns	ns	ns	ns	ns	ns	ns	ns	ns	ns	ns	ns
AGSD0030	0	2	AR044276	0.02	0.002	0.0	10	0.0	3.2	0.7	3.6	30.9	10.4	10.4	2.9	0.016	0.7	7	0.3	0.2	bd	bd	19

Hole	From (m)	To (m)	Sample number	Ni (%)	Co (%)	Mn (%)	Sc (g/t)	Cr (%)	Fe (%)	Mg (%)	Al (%)	Si (%)	LOI (%)	Nd (ppm)	Pr (ppm)	Au (ppm)	Ag (ppm)	W (ppm	Sb (ppm	Bi (ppm)	Pb (ppm)	As (ppm)	Li (ppm
AGSD0030	2	4	AR044277	0.03	0.004	0.0	14	0.1	4.0	0.8	4.5	35.0	5.5	10.3	2.6	0.006	0.2	4	0.3	0.2	bd	bd	32
AGSD0030	4	6	AR044278	0.02	0.001	0.0	20	0.1	9.1	0.6	7.3	29.5	6.0	3.6	1.1	0.003	0.1	3	0.8	0.4	bd	10	19
AGSD0030	6	8	AR044279	0.02	0.001	0.0	18	0.2	9.0	0.5	7.1	28.9	6.8	5.4	1.4	0.003	0.9	10	0.7	0.4	bd	bd	19
AGSD0030	8	10	AR044282	0.04	0.002	0.0	23	0.2	6.7	0.3	14.5	22.6	10.8	3.2	0.9	0.003	0.3	5	0.5	0.2	bd	bd	57
AGSD0030	10	12	AR044283	0.05	0.003	0.0	28	0.2	8.2	0.3	16.0	19.7	12.0	4.0	1.1	0.008	bd	3	0.5	0.2	bd	bd	89
AGSD0030	12	14	AR044284	0.09	0.006	0.1	31	0.2	9.7	0.3	15.6	18.7	12.1	7.1	1.8	0.002	bd	3	0.6	0.2	bd	bd	105
AGSD0030	14	16	AR044285	0.09	0.009	0.2	32	0.2	15.1	0.3	14.3	16.6	11.8	8.7	2.2	bd	bd	4	0.7	0.2	bd	bd	95
AGSD0030	16	18	AR044286	0.07	0.007	0.0	34	0.4	15.6	0.2	14.3	16.0	12.7	4.1	1.0	0.002	bd	3	0.9	0.3	bd	10	88
AGSD0030	18	20	AR044287	0.14	0.007	0.0	22	1.2	40.9	0.1	7.5	6.1	9.9	7.3	1.8	bd	bd	10	7.9	0.3	bd	60	44
AGSD0030	20	22	AR044288	0.36	0.03	0.0	31	1.5	39.8	0.1	9.2	2.9	15.3	27.5	6.4	0.003	0.1	9	8.7	0.1	bd	80	22
AGSD0030	22	24	AR044289	0.31	0.037	0.1	34	0.5	27.9	0.1	13.9	6.2	17.0	30.1	7.1	0.002	bd	6	5.3	0.1	bd	50	37
AGSD0030	24	26	AR044292	0.21	0.019	0.1	36	0.5	28.3	0.3	10.5	10.7	12.3	13.6	3.5	0.002	1	15	2.7	0.3	bd	20	50
AGSD0030	26	28	AR044293	0.17	0.015	0.1	36	0.5	26.4	0.3	11.8	10.6	12.9	10.1	2.8	0.002	2.2	8	2.6	0.3	bd	10	58
AGSD0030	28	30	AR044294	0.57	0.029	0.1	55	0.7	33.6	0.5	7.4	9.6	12.3	8.5	2.2	bd	1.6	10	6.5	0.2	bd	40	31
AGSD0030	30	32	AR044295	0.59	0.032	0.1	55	0.7	32.3	0.4	8.1	8.5	14.0	7.8	2.1	0.002	6.8	21	5.9	0.2	bd	50	35
AGSD0030	32	34	AR044296	0.66	0.037	0.2	69	0.9	35.6	0.5	6.3	7.8	13.8	7.6	2.1	0.002	2.1	17	8	0.2	bd	50	33
AGSD0030	34	36	AR044297	0.65	0.038	0.2	67	0.9	34.3	0.5	6.6	8.3	13.8	7.8	2.0	0.002	2.9	25	7.9	0.3	bd	50	34
AGSD0030	36	38	AR044298	0.52	0.027	0.1	59	0.8	31.1	0.5	6.9	10.2	13.5	8.1	2.1	0.002	4.2	49	6.7	0.3	bd	40	37
AGSD0030	38	40	AR044299	0.58	0.032	0.1	61	0.8	33.0	0.5	6.5	9.7	13.4	7.6	2.0	0.004	3.5	26	7.5	0.3	bd	40	35
AGSD0030	40	42	AR044302	0.84	0.073	0.3	43	0.7	40.7	0.4	4.7	6.1	13.1	10.1	2.6	0.004	2.3	18	3.5	0.1	bd	20	22
AGSD0030	42	44	AR044303	1.36	0.075	0.3	43	0.9	48.5	0.4	1.8	1.9	14.9	7.2	1.7	bd	0.3	6	3.1	0.0	bd	10	4
AGSD0030	44	46	AR044304	1.90	0.171	1.4	28	0.8	43.9	0.6	1.0	5.4	13.5	21.9	5.5	0.002	1.3	6	3.4	bd	bd	10	5
AGSD0030	46	48	AR044305	2.24	0.105	0.4	37	1.7	43.7	1.1	1.3	3.7	15.4	5.5	1.2	0.002	0.2	7	4.9	0.0	bd	20	4
AGSD0030	48	50	AR044306	0.81	0.024	0.2	9	0.5	12.9	1.5	0.4	32.9	4.9	1.2	0.3	0.003	0.3	2	1.1	bd	bd	bd	7
AGSD0030	50	52	AR044307	0.64	0.033	0.2	6	0.2	9.1	1.3	0.2	36.9	3.4	0.9	0.2	0.007	0.2	1	0.5	bd	bd	bd	9
AGSD0030	52	54	AR044308	0.71	0.042	0.3	6	0.2	8.8	1.2	0.2	37.3	3.1	0.7	0.2	0.011	0.8	8	0.7	0.0	bd	bd	6
AGSD0030	54	56	AR044309	1.22	0.027	0.4	15	0.8	18.1	2.6	0.4	26.6	7.3	1.4	0.3	0.008	0.2	2	1.1	bd	bd	bd	4
AGSD0030	56	58	AR044312	0.56	0.021	0.2	5	0.2	7.7	1.7	0.2	38.0	3.0	0.4	0.1	0.009	0.1	1	0.3	bd	bd	bd	4
AGSD0030	58	60	AR044313	0.32	0.012	0.1	4	0.2	5.6	7.2	0.2	28.5	15.3	0.1	0.1	0.127	0.7	3	0.3	bd	bd	bd	4
AGSD0030	60	62	AR044314	0.38	0.016	0.1	4	0.3	5.2	13.8	0.1	13.1	31.3	0.1	0.0	0.27	0.2	1	0.3	bd	bd	bd	8
AGSD0030	62	64	AR044315	0.23	0.01	0.1	3	0.1	3.9	17.7	0.1	11.1	33.1	0.0	bd	0.014	0.3	1	0.1	bd	bd	bd	6
AGSD0030	64	66	AR044316	0.27	0.009	0.1	4	0.1	5.0	21.9	0.1	16.1	19.8	0.0	bd	0.001	bd	bd	0.2	bd	bd	bd	10
AGSD0030	66	68	AR044317	0.25	0.009	0.1	4	0.1	4.7	22.6	0.1	14.7	22.2	0.0	0.0	0.003	bd	1	0.2	bd	bd	bd	4
AGSD0030	68	70	AR044318	0.20	0.007	0.1	3	0.1	3.9	23.9	0.1	12.7	25.7	0.0	bd	0.002	bd	1	0.2	bd	bd	bd	4
AGSD0030	70	72	AR044319	0.28	0.011	0.1	5	0.2	5.2	23.0	0.1	17.4	15.3	0.1	0.0	0.001	bd	1	0.4	0.0	bd	bd	3

Hole	From (m)	To (m)	Sample number	Ni (%)	Co (%)	Mn (%)	Sc (g/t)	Cr (%)	Fe (%)	Mg (%)	Al (%)	Si (%)	LOI (%)	Nd (ppm)	Pr (ppm)	Au (ppm)	Ag (ppm)	W (ppm	Sb (ppm	Bi (ppm)	Pb (ppm)	As (ppm)	Li (ppm
AGSD0030	72	74	AR044322	0.26	0.01	0.1	4	0.1	4.9	23.0	0.1	16.7	16.9	0.1	0.0	bd	bd	1	0.3	bd	bd	bd	2
AGSD0030	74	76	AR044323	0.21	0.008	0.1	3	0.1	3.9	23.7	0.1	13.4	24.6	0.1	0.0	bd	bd	1	0.2	0.0	bd	bd	bd
AGSD0030	76	78	AR044324	0.31	0.012	0.1	5	0.1	5.5	22.8	0.1	17.9	14.4	0.1	0.0	bd	bd	bd	0.3	bd	bd	bd	2
AGSD0030	78	80	AR044325	0.32	0.012	0.1	5	0.2	5.4	23.2	0.2	17.7	14.3	0.1	bd	bd	bd	1	0.4	0.0	bd	bd	4
AGSD0030	80	82	AR044326	0.25	0.01	0.1	4	0.1	4.5	23.4	0.1	15.5	19.8	0.1	0.0	bd	bd	bd	0.3	bd	bd	bd	4
AGSD0030	82	84	AR044327	0.21	0.008	0.1	3	0.1	3.8	24.2	0.1	12.9	25.4	0.1	0.0	bd	bd	bd	0.2	bd	bd	bd	bd
AGSD0030	84	86	AR044328	0.28	0.01	0.1	4	0.1	4.7	22.2	0.1	17.7	17.1	0.1	bd	0.136	bd	1	0.5	bd	bd	bd	2
AGSD0030	86	88	AR044329	0.30	0.012	0.1	5	0.1	5.2	22.0	0.2	18.0	15.7	0.1	bd	0.004	bd	1	0.4	0.0	bd	bd	3
AGSD0030	88	90	AR044332	0.23	0.009	0.1	5	0.1	4.7	22.4	0.2	15.9	19.7	0.1	0.0	0.002	bd	2	0.3	0.0	bd	bd	5
AGSD0030	90	92	AR044333	0.26	0.011	0.1	3	0.1	4.5	23.0	0.1	15.3	21.1	0.1	0.0	bd	bd	1	0.2	bd	bd	bd	5
AGSD0030	92	94	AR044334	0.31	0.012	0.1	5	0.1	5.4	21.9	0.2	18.5	14.4	0.1	0.0	bd	bd	1	0.3	bd	bd	bd	3
AGSD0030	94	96	AR044335	0.29	0.012	0.1	4	0.1	5.2	23.6	0.2	17.5	14.6	0.1	0.0	0.008	bd	bd	0.2	bd	bd	bd	bd
AGSD0030	96	98	AR044336	0.24	0.01	0.1	4	0.1	4.4	24.2	0.1	14.6	20.5	0.0	bd	0.005	bd	2	0.9	0.0	bd	bd	2
AGSD0030	98	100	AR044337	0.30	0.012	0.1	5	0.1	5.3	23.9	0.1	17.3	13.9	bd	bd	0.002	bd	1	0.3	0.0	bd	bd	3
AGSD0030	100	102	AR044338	0.25	0.01	0.1	4	0.1	4.5	23.9	0.1	14.5	21.5	0.0	bd	bd	bd	1	0.1	0.0	bd	bd	3
AGSD0030	102	104	AR044339	0.22	0.008	0.1	4	0.1	3.9	23.5	0.1	12.8	26.4	bd	0.0	bd	bd	1	0.3	bd	bd	bd	6
AGSD0030	104	110	AGSD0030_104_110	ns	ns	ns	ns	ns	ns	ns	ns	ns	ns	ns	ns	ns	ns	ns	ns	ns	ns	ns	ns
AGSD0030	110	112	AR044342	0.37	0.011	0.1	5	0.2	5.1	22.7	0.1	15.3	19.2	0.2	0.0	0.003	bd	1	0.6	0.0	bd	bd	4
AGSD0030	112	114	AR044343	0.29	0.012	0.1	5	0.2	5.4	24.5	0.1	16.9	14.0	0.1	0.0	0.003	bd	1	0.5	0.0	bd	bd	5
AGSD0030	114	116	AR044344	0.26	0.011	0.1	4	0.1	5.1	23.6	0.2	16.2	15.3	0.1	0.0	0.004	bd	2	0.9	bd	bd	bd	bd
AGSD0030	116	118	AR044345	0.24	0.01	0.1	4	0.1	4.3	24.6	0.1	14.4	20.7	0.0	bd	bd	bd	1	0.4	0.0	bd	bd	8
AGSD0030	118	120	AR044346	0.28	0.012	0.1	5	0.2	5.1	24.5	0.2	16.9	13.9	0.0	0.0	bd	bd	1	0.7	bd	bd	10	4
AGSD0030	120	124	AGSD0030_120_124	ns	ns	ns	ns	ns	ns	ns	ns	ns	ns	ns	ns	ns	ns	ns	ns	ns	ns	ns	ns
AGSD0030	124	126	AR044349	0.49	0.015	0.1	5	0.2	5.9	21.0	0.2	18.4	13.9	bd	bd	0.001	0.1	2	0.9	bd	bd	10	8
AGSD0030	126	128	AR044350	0.95	0.016	0.1	7	0.4	7.6	18.7	0.2	15.5	20.1	bd	bd	0.001	0.1	1	1.5	bd	bd	10	8
AGSD0030	128	130	AR044351	0.58	0.014	0.1	6	0.4	6.3	18.9	0.2	15.2	21.4	bd	bd	bd	bd	2	1	bd	bd	10	6
AGSD0030	130	132	AR044352	0.63	0.015	0.1	6	0.3	6.2	20.3	0.1	18.9	14.0	0.0	bd	0.007	bd	2	4.7	bd	bd	50	7
AGSD0030	132	134	AR044353	0.40	0.016	0.1	5	0.3	6.0	22.7	0.1	18.3	12.5	0.0	bd	0.002	bd	2	1.6	bd	100	20	5
AGSD0030	134	136	AR044354	0.83	0.023	0.1	12	1.2	13.9	15.5	0.4	14.6	16.2	0.4	0.0	0.001	bd	5	5.6	bd	100	60	4
AGSD0030	136	138	AR044357	1.47	0.036	0.2	21	1.2	17.2	12.0	1.0	15.8	12.9	0.7	0.1	0.008	0.1	4	4.5	0.0	100	50	8
AGSD0030	138	140	AR044358	2.31	0.1	0.6	26	2.3	24.4	4.6	1.3	14.1	13.9	1.1	0.2	bd	0.2	5	3.7	0.0	100	60	9
AGSD0030	140	142	AR044359	2.09	0.295	16.4	17	1.8	17.0	2.0	0.7	12.1	14.1	3.6	0.9	bd	0.1	7	4.1	0.1	200	40	7
AGSD0030	142	143	AR044360	1.87	0.344	4.7	21	2.8	24.2	3.0	1.1	13.2	13.5	3.2	0.7	bd	0.2	7	3.3	0.1	100	50	9
AGSD0030	143.4	152	AGSD0030_143.37_152	ns	ns	ns	ns	ns	ns	ns	ns	ns	ns	ns	ns	ns	ns	ns	ns	ns	ns	ns	ns
AGSD0030	152	154	AR044361	0.50	0.032	0.1	10	0.6	7.7	20.4	1.0	18.2	11.8	0.6	0.1	bd	bd	2	1.6	bd	bd	bd	5

Hole	From (m)	To (m)	Sample number	Ni (%)	Co (%)	Mn (%)	Sc (g/t)	Cr (%)	Fe (%)	Mg (%)	Al (%)	Si (%)	LOI (%)	Nd (ppm)	Pr (ppm)	Au (ppm)	Ag (ppm)	W (ppm	Sb (ppm	Bi (ppm)	Pb (ppm)	As (ppm)	Li (ppm
AGSD0030	154	158	AGSD0030_154_158.20	ns	ns	ns	ns	ns	ns	ns	ns	ns	ns	ns	ns	ns	ns	ns	ns	ns	ns	ns	ns
AGSD0030	158.2	160	AR044364	0.45	0.043	0.1	10	0.7	8.6	19.2	1.0	18.9	10.9	0.8	0.2	0.002	bd	2	2	bd	100	10	7
AGSD0030	160	162	AR044365	0.59	0.118	1.9	8	1.0	9.1	19.3	0.7	16.2	12.7	1.1	0.2	0.001	bd	2	2.9	0.0	100	10	4
AGSD0030	162	165	AR044366	0.62	0.072	0.7	11	1.1	9.1	19.5	1.0	16.6	11.8	0.7	0.2	0.003	bd	1	3.2	0.1	100	10	10
AGSD0031	0	2	AR044367	0.01	0.001	0.0	8	0.0	3.0	1.0	2.9	26.3	15.8	9.2	2.5	0.024	2.3	9	0.3	0.1	bd	bd	13
AGSD0031	2	4	AR044368	0.02	0.002	0.0	14	0.1	4.2	0.6	4.7	34.4	5.9	8.1	2.1	0.004	1.9	8	0.4	0.2	bd	bd	13
AGSD0031	4	6	AR044369	0.01	0.001	0.0	17	0.1	8.1	0.6	5.7	32.2	4.8	3.4	1.0	bd	0.7	4	0.7	0.3	bd	10	11
AGSD0031	6	8	AR044372	0.02	0.002	0.0	21	0.1	8.6	0.6	7.7	29.7	6.0	4.2	1.2	0.001	0.1	2	0.6	0.3	bd	bd	13
AGSD0031	8	10	AR044373	0.07	0.007	0.0	40	0.3	13.6	0.8	9.8	22.6	8.3	23.5	6.4	0.058	bd	3	0.9	0.3	bd	20	25
AGSD0031	10	12	AR044374	0.07	0.007	0.0	29	0.2	7.4	0.4	15.5	20.6	11.6	25.9	7.0	0.011	0.1	3	0.6	0.2	bd	bd	82
AGSD0031	12	14	AR044375	0.08	0.006	0.0	26	0.2	9.3	0.5	14.0	20.2	12.3	17.2	4.6	0.005	0.1	2	0.7	0.2	bd	bd	72
AGSD0031	14	16	AR044376	0.08	0.005	0.1	23	0.1	7.9	1.8	13.4	17.7	15.2	9.9	2.8	0.005	bd	2	0.5	0.2	bd	bd	69
AGSD0031	16	18	AR044377	0.12	0.011	0.0	25	0.6	33.4	0.3	9.8	9.1	9.6	5.6	1.5	bd	0.2	5	1.7	0.5	bd	20	43
AGSD0031	18	20	AR044378	0.13	0.014	0.0	24	1.0	50.3	0.1	5.4	3.2	7.1	2.8	0.7	bd	0.2	10	3.3	0.8	bd	30	19
AGSD0031	20	22	AR044379	0.28	0.011	0.0	48	2.0	33.0	0.2	10.2	6.4	12.9	2.5	0.6	0.001	bd	20	12.7	0.5	bd	80	41
AGSD0031	22	24	AR044382	0.34	0.007	0.0	79	2.5	25.0	0.2	12.6	8.4	15.4	3.4	0.9	0.002	bd	15	12.4	0.5	bd	60	60
AGSD0031	24	26	AR044383	0.33	0.008	0.0	82	1.8	32.4	0.2	10.1	6.8	14.5	3.4	0.8	bd	bd	13	11.2	0.7	bd	80	48
AGSD0031	26	28	AR044384	0.42	0.01	0.0	81	2.1	38.7	0.2	7.7	4.9	14.1	2.7	0.6	0.001	bd	14	10.9	0.6	bd	90	25
AGSD0031	28	30	AR044385	0.61	0.008	0.0	62	1.4	41.2	0.3	4.8	6.6	12.5	3.7	0.9	0.005	0.6	16	9.3	0.3	bd	90	13
AGSD0031	30	32	AR044386	0.80	0.012	0.0	55	1.1	47.9	0.3	3.6	3.4	12.8	5.0	1.2	0.009	0.1	13	7.2	0.1	bd	80	5
AGSD0031	32	34	AR044387	0.62	0.016	0.0	38	1.1	51.3	0.3	2.7	2.6	12.1	4.5	1.0	bd	0.1	10	5.8	0.0	bd	80	5
AGSD0031	34	36	AR044388	0.87	0.021	0.1	44	1.6	47.1	0.4	3.5	2.9	13.5	5.1	1.2	bd	bd	9	7	0.0	bd	60	9
AGSD0031	36	38	AR044389	0.92	0.02	0.1	40	1.0	47.3	0.4	4.1	3.0	14.0	5.2	1.1	bd	bd	11	6.2	0.0	bd	60	12
AGSD0031	38	40	AR044392	0.78	0.018	0.0	33	1.2	50.4	0.4	2.5	2.1	13.8	6.2	1.5	0.001	0.2	11	4.4	0.0	bd	50	7
AGSD0031	40	42	AR044393	0.83	0.019	0.1	34	1.1	49.4	0.4	2.6	2.8	13.8	6.7	1.5	bd	bd	7	4	0.1	bd	30	8
AGSD0031	42	44	AR044394	0.78	0.02	0.0	21	1.1	54.0	0.3	1.0	1.0	14.2	6.9	1.5	0.002	0.3	4	2.5	0.0	bd	30	6
AGSD0031	44	46	AR044395	0.62	0.035	0.1	17	1.5	53.2	0.3	1.6	1.9	12.4	8.1	1.9	bd	0.1	4	6	0.4	bd	40	3
AGSD0031	46	48	AR044396	0.93	0.061	0.1	35	3.4	48.3	0.5	3.1	2.9	9.8	7.6	1.6	0.001	0.4	5	13.7	0.6	bd	100	7
AGSD0031	48	50	AR044397	0.92	0.051	0.2	37	3.3	46.3	0.6	3.8	4.0	8.8	7.8	1.7	bd	0.1	5	23.7	0.4	bd	140	2
AGSD0031	50	76	AGSD0031_50_76	ns	ns	ns	ns	ns	ns	ns	ns	ns	ns	ns	ns	ns	ns	ns	ns	ns	ns	ns	ns
AGSD0031	76	78	AR044398	0.29	0.024	0.3	6	0.4	6.7	18.5	0.3	7.1	35.3	0.5	0.1	0.011	0.4	1	1.2	0.0	bd	20	bd
AGSD0031	78	90	AGSD0031_78_90	ns	ns	ns	ns	ns	ns	ns	ns	ns	ns	ns	ns	ns	ns	ns	ns	ns	ns	ns	ns
AGSD0031	90	92	AR044403	0.51	0.036	0.2	5	0.4	6.8	9.1	0.3	29.4	9.0	0.3	0.1	0.247	0.1	2	1.3	0.0	bd	bd	bd
AGSD0031	92	94	AR044404	0.79	0.073	0.7	9	0.6	7.3	13.3	1.1	21.5	15.5	0.5	0.1	0.027	bd	1	1.8	0.1	bd	10	bd
AGSD0031	94	96	AR044405	0.71	0.024	0.1	8	0.5	8.3	7.7	0.8	30.3	6.3	0.5	0.1	0.215	0.2	2	1.7	0.1	bd	10	bd

Hole	From (m)	To (m)	Sample number	Ni (%)	Co (%)	Mn (%)	Sc (g/t)	Cr (%)	Fe (%)	Mg (%)	Al (%)	Si (%)	LOI (%)	Nd (ppm)	Pr (ppm)	Au (ppm)	Ag (ppm)	W (ppm	Sb (ppm	Bi (ppm)	Pb (ppm)	As (ppm)	Li (ppm
AGSD0031	96	98	AR044406	1.27	0.036	0.1	8	1.0	13.7	6.1	0.4	26.2	8.0	0.4	0.1	0.02	0.8	6	1.9	0.0	bd	20	bd
AGSD0031	98	100	AR044407	0.48	0.046	0.5	3	0.4	5.1	15.4	0.2	15.5	29.4	0.3	0.1	0.025	0.2	2	0.4	0.0	bd	20	bd
AGSD0031	100	102	AR044408	0.24	0.018	0.2	4	0.5	4.8	18.0	0.2	11.9	31.1	0.2	0.0	0.001	bd	2	0.7	bd	bd	bd	bd
AGSD0031	102	104	AR044409	0.22	0.02	0.2	3	0.4	4.3	18.9	0.1	11.3	31.9	0.1	0.0	0.003	0.1	1	1.4	0.0	bd	bd	bd
AGSD0031	104	116	AGSD0031_104_116	ns	ns	ns	ns	ns	ns	ns	ns	ns	ns	ns	ns	ns	ns	ns	ns	ns	ns	ns	ns
AGSD0031	116	118	AR044412	0.49	0.032	0.3	6	0.8	5.4	16.3	0.6	18.4	20.2	0.4	0.1	0.02	bd	3	2.1	2.5	bd	10	18
AGSD0031	118	120	AR044413	0.84	0.023	0.1	8	1.2	7.6	12.7	0.7	23.7	10.9	0.5	0.1	0.035	bd	3	2.4	3.9	bd	30	23
AGSD0031	120	122	AR044414	0.28	0.015	0.1	6	0.9	7.0	17.2	0.5	22.3	10.6	0.3	0.1	0.005	bd	3	2.5	1.9	bd	20	bd
AGSD0031	122	124	AR044415	0.41	0.018	0.1	7	1.3	6.6	14.2	0.8	24.1	9.9	0.4	0.1	0.014	0.1	3	2.1	2.9	bd	30	5
AGSD0031	124	126	AR044416	0.42	0.018	0.1	5	1.2	6.5	14.5	0.8	24.4	9.6	0.4	0.1	0.013	bd	4	2.1	1.3	bd	20	5
AGSD0031	126	128	AR044417	0.39	0.016	0.1	5	0.9	5.8	11.7	0.6	29.2	7.0	0.4	0.1	0.03	bd	3	1.7	1.1	bd	20	14
AGSD0031	128	130	AR044418	0.39	0.025	0.3	6	0.8	5.7	11.9	0.7	27.0	9.5	0.5	0.1	0.025	bd	5	3.5	1.1	bd	30	28
AGSD0031	130	132	AR044419	0.58	0.034	0.3	8	0.7	7.6	15.7	0.9	20.9	13.1	0.7	0.2	0.019	bd	5	3.5	3.0	bd	40	20
AGSD0031	132	134	AR044422	0.63	0.044	0.3	15	0.6	8.3	18.0	2.1	17.7	13.2	0.6	0.1	0.04	bd	3	2.1	7.1	bd	20	17
AGSD0031	134	136	AR044423	0.88	0.026	0.1	7	0.6	9.2	15.5	0.3	21.5	11.1	0.3	0.1	0.017	bd	3	2.8	0.3	bd	30	13
AGSD0031	136	138	AR044424	0.83	0.02	0.1	5	0.5	7.7	14.3	0.2	22.1	12.7	0.2	0.0	0.046	bd	3	1.2	0.1	bd	10	15
AGSD0031	138	140	AR044425	0.64	0.032	0.3	6	0.6	7.9	16.2	0.3	17.6	17.5	0.2	0.0	0.011	0.1	4	1.4	0.0	bd	10	19
AGSD0031	140	142	AR044426	0.37	0.029	0.2	5	0.3	5.5	21.3	0.2	14.4	21.4	0.1	bd	0.004	0.2	4	0.8	0.0	bd	bd	13
AGSD0031	142	144	AR044427	0.49	0.039	0.3	6	0.4	6.1	18.7	0.4	18.5	17.1	0.2	0.0	0.006	0.1	6	1.1	0.1	bd	bd	14
AGSD0031	144	146	AR044428	0.77	0.044	0.2	8	0.8	11.3	14.0	0.4	21.4	10.6	0.6	0.1	0.012	0.1	9	2.6	0.3	bd	30	10
AGSD0031	146	148	AR044429	1.58	0.142	1.6	15	1.9	22.6	10.9	0.7	10.3	15.8	2.7	0.6	0.005	0.1	21	3.8	0.1	bd	60	14
AGSD0031	148	156	AGSD0031_148_156	ns	ns	ns	ns	ns	ns	ns	ns	ns	ns	ns	ns	ns	ns	ns	ns	ns	ns	ns	ns
AGSD0031	156	158	AR044432	0.69	0.039	0.2	9	0.9	13.1	17.5	0.4	15.2	14.5	1.3	0.3	0.01	0.5	5	4.6	1.1	bd	40	24
AGSD0031	158	162	AGSD0031_158_161.7	ns	ns	ns	ns	ns	ns	ns	ns	ns	ns	ns	ns	ns	ns	ns	ns	ns	ns	ns	ns
AGSD0032	0	2	AR045502	0.02	0.003	0.0	14	0.1	8.0	3.0	3.7	18.0	20.2	7.4	1.9	0.016	1	3	0.4	0.2	bd	bd	23
AGSD0032	2	4	AR045503	0.05	0.003	0.0	36	0.4	26.4	0.4	9.4	15.0	9.0	2.6	0.7	0.002	0.4	3	0.8	0.5	bd	20	31
AGSD0032	4	6	AR045504	0.04	0.001	0.0	43	0.5	26.5	0.2	10.6	11.1	14.5	1.1	0.3	bd	0.2	1	0.6	0.4	bd	10	12
AGSD0032	6	8	AR045505	0.05	0.002	0.0	44	0.5	24.9	0.3	11.3	9.2	17.1	1.2	0.3	0.001	0.1	2	0.7	0.3	bd	10	23
AGSD0032	8	10	AR045506	0.04	0.001	0.0	34	0.5	32.7	0.2	11.3	5.8	14.6	0.9	0.2	0.003	bd	3	0.8	0.6	bd	20	42
AGSD0032	10	12	AR045507	0.04	0.002	0.0	24	0.6	40.2	0.1	10.8	1.7	14.4	0.6	0.2	0.005	0.2	4	1.1	1.0	bd	10	19
AGSD0032	12	14	AR045508	0.03	0.001	0.0	26	0.6	39.9	0.1	9.0	2.0	16.2	0.6	0.2	0.003	1.1	8	1.3	1.1	bd	10	20
AGSD0032	14	16	AR045509	0.02	0.002	0.0	32	0.6	46.4	0.1	5.9	2.0	13.5	0.6	0.1	0.001	0.2	6	2.2	1.4	bd	20	19
AGSD0032	16	18	AR045512	0.07	0.003	0.0	32	0.7	48.4	0.1	4.4	2.6	11.6	0.8	0.2	bd	0.3	13	4.2	1.6	bd	40	27
AGSD0032	18	20	AR045513	0.04	0.002	0.0	40	0.7	36.1	0.1	8.8	4.6	16.1	0.6	0.2	0.002	1.1	10	2.5	1.7	bd	20	28
AGSD0032	20	22	AR045514	0.25	0.007	0.0	72	1.9	34.1	0.1	9.5	4.3	17.7	0.8	0.2	0.004	0.1	10	14.5	1.5	bd	70	34

Hole	From (m)	To (m)	Sample number	Ni (%)	Co (%)	Mn (%)	Sc (g/t)	Cr (%)	Fe (%)	Mg (%)	Al (%)	Si (%)	LOI (%)	Nd (ppm)	Pr (ppm)	Au (ppm)	Ag (ppm)	W (ppm	Sb (ppm	Bi (ppm)	Pb (ppm)	As (ppm)	Li (ppm
AGSD0032	22	24	AR045515	0.58	0.011	0.0	90	2.5	43.2	0.2	6.6	2.2	15.1	1.8	0.4	0.001	0.1	6	6.9	0.3	bd	150	26
AGSD0032	24	26	AR045516	0.70	0.011	0.0	91	3.0	45.7	0.2	5.6	1.2	14.8	2.0	0.5	0.004	0.3	30	6.3	0.2	bd	160	11
AGSD0032	26	28	AR045517	0.76	0.013	0.0	55	1.3	48.2	0.2	4.2	2.4	13.7	1.5	0.4	bd	0.3	7	4	0.2	bd	60	16
AGSD0032	28	30	AR045518	1.02	0.024	0.1	44	1.3	51.2	0.3	2.7	1.5	13.8	2.1	0.5	0.009	0.7	9	5.5	0.1	bd	80	13
AGSD0032	30	32	AR045519	1.40	0.05	0.1	47	1.0	48.9	0.3	2.9	1.8	15.0	9.6	2.2	0.001	0.2	9	13.6	0.2	bd	180	12
AGSD0032	32	34	AR045522	1.54	0.048	0.1	47	1.0	48.9	0.4	2.2	1.4	15.9	9.5	2.3	bd	bd	7	4.1	0.0	bd	30	7
AGSD0032	34	36	AR045523	1.88	0.029	0.1	44	1.1	46.3	0.5	2.6	2.0	16.7	5.2	1.1	bd	bd	7	2.8	0.2	bd	20	5
AGSD0032	36	38	AR045524	1.28	0.029	0.3	43	0.7	51.8	0.5	1.7	1.0	14.6	7.6	1.8	bd	bd	14	32.5	0.2	bd	280	4
AGSD0032	38	40	AR045525	1.19	0.027	0.3	41	1.1	53.4	0.5	1.4	1.1	12.8	9.7	2.3	0.001	bd	8	37.2	0.2	bd	250	7
AGSD0032	40	42	AR045526	1.68	0.03	0.2	44	1.4	49.4	0.6	1.4	1.2	16.2	14.5	3.3	bd	bd	7	18	0.1	bd	200	4
AGSD0032	42	44	AR045527	1.89	0.026	0.2	44	1.1	49.3	0.6	1.3	1.3	16.8	15.7	3.5	bd	bd	5	19.4	bd	bd	200	bd
AGSD0032	44	46	AR045528	1.78	0.031	0.2	44	1.5	48.3	0.7	1.4	1.3	17.1	14.8	3.8	bd	bd	7	20.8	0.0	bd	280	bd
AGSD0032	46	48	AR045529	1.64	0.043	0.2	45	1.3	47.4	0.9	1.5	1.9	16.7	11.8	3.1	bd	0.1	9	10.9	0.0	bd	130	3
AGSD0032	48	56	AGSD0032_48_56	ns	ns	ns	ns	ns	ns	ns	ns	ns	ns	ns	ns	ns	ns	ns	ns	ns	ns	ns	ns
AGSD0032	56	58	AR045532	0.72	0.07	0.4	6	0.2	7.0	11.3	0.2	19.1	23.4	0.2	0.0	0.029	bd	1	0.3	bd	bd	bd	13
AGSD0032	58	60	AR045533	0.24	0.01	0.1	4	0.1	3.6	18.0	0.1	12.4	34.6	0.1	0.0	0.03	bd	2	0.2	bd	bd	bd	12
AGSD0032	60	62	AR045534	ns	ns	ns	ns	ns	ns	ns	ns	ns	ns	ns	ns	ns	ns	ns	ns	ns	ns	ns	ns
AGSD0032	62	64	AR045535	ns	ns	ns	ns	ns	ns	ns	ns	ns	ns	ns	ns	ns	ns	ns	ns	ns	ns	ns	ns
AGSD0032	64	66	AR045536	0.35	0.025	0.2	3	0.1	2.8	20.3	0.1	9.0	38.9	0.1	0.0	0.004	bd	bd	0.3	bd	bd	bd	8
AGSD0032	66	68	AR045537	0.69	0.057	0.7	3	0.1	3.2	18.7	0.1	11.3	35.3	0.1	0.0	0.005	0.2	1	0.3	bd	bd	bd	15
AGSD0032	68	70	AR045538	1.59	0.08	1.6	8	0.2	7.0	9.8	0.2	26.3	11.8	0.2	0.1	0.004	0.5	3	0.6	bd	bd	bd	14
AGSD0032	70	72	AR045539	0.81	0.037	0.2	7	0.2	6.4	7.1	0.2	30.6	10.8	0.7	0.2	0.007	0.2	1	0.4	bd	bd	bd	13
AGSD0032	72	74	AR045542	0.95	0.042	0.7	10	0.2	7.7	11.0	0.3	21.1	19.8	1.5	0.3	0.005	bd	1	1.1	0.0	bd	bd	13
AGSD0032	74	76	AR045543	1.05	0.031	0.3	11	0.5	10.8	8.1	0.3	24.7	14.0	1.0	0.3	0.004	1.4	4	1.6	bd	bd	bd	15
AGSD0032	76	78	AR045544	0.74	0.014	0.1	7	0.3	7.1	5.2	0.2	34.0	5.6	0.5	0.1	0.007	2.2	9	0.8	bd	bd	bd	14
AGSD0032	78	80	AR045545	0.72	0.017	0.1	5	0.2	5.8	4.9	0.2	35.4	5.0	0.3	0.1	0.006	0.3	2	0.8	bd	bd	bd	14
AGSD0032	80	82	AR045546	0.60	0.031	0.5	4	0.1	3.7	15.9	0.1	17.6	28.1	0.3	0.1	0.005	0.2	1	0.8	0.0	bd	bd	13
AGSD0032	82	84	AR045547	0.62	0.034	0.4	5	0.1	4.1	19.8	0.1	9.1	37.3	0.1	0.0	0.003	bd	bd	0.4	bd	bd	bd	10
AGSD0032	84	86	AR045548	0.37	0.013	0.2	3	0.1	4.0	15.3	0.1	17.0	28.6	0.1	0.0	0.006	bd	bd	0.4	bd	bd	bd	11
AGSD0032	86	88	AR045549	0.25	0.01	0.1	4	0.1	3.9	20.5	0.1	12.0	31.7	0.1	0.0	0.003	bd	1	0.3	0.0	bd	bd	10
AGSD0032	88	90	AR045552	0.56	0.029	0.4	5	0.2	4.8	17.4	0.2	14.1	29.7	0.1	0.0	0.004	0.1	1	0.7	0.0	bd	bd	12
AGSD0032	90	92	AR045553	0.83	0.024	0.1	7	0.3	7.9	7.1	0.2	29.9	9.5	0.6	0.1	0.017	0.7	4	1.3	bd	bd	10	11
AGSD0032	92	94	AR045554	ns	ns	ns	ns	ns	ns	ns	ns	ns	ns	ns	ns	ns	ns	ns	ns	ns	ns	ns	ns
AGSD0032	94	96	AR045555	ns	ns	ns	ns	ns	ns	ns	ns	ns	ns	ns	ns	ns	ns	ns	ns	ns	ns	ns	ns
AGSD0032	96	98	AR045556	ns	ns	ns	ns	ns	ns	ns	ns	ns	ns	ns	ns	ns	ns	ns	ns	ns	ns	ns	ns

Hole	From (m)	To (m)	Sample number	Ni (%)	Co (%)	Mn (%)	Sc (g/t)	Cr (%)	Fe (%)	Mg (%)	Al (%)	Si (%)	LOI (%)	Nd (ppm)	Pr (ppm)	Au (ppm)	Ag (ppm)	W (ppm	Sb (ppm	Bi (ppm)	Pb (ppm)	As (ppm)	Li (ppm
AGSD0032	98	100	AR045557	0.56	0.017	0.1	7	0.2	6.1	17.6	0.3	22.9	10.7	0.4	0.1	0.006	0.2	2	3.2	0.3	bd	bd	9
AGSD0032	100	102	AR045558	0.53	0.025	0.1	7	0.3	7.8	15.4	0.3	24.0	10.0	0.8	0.2	0.013	0.1	2	3.8	0.2	bd	10	10
AGSD0032	102	104	AR045559	ns	ns	ns	ns	ns	ns	ns	ns	ns	ns	ns	ns	ns	ns	ns	ns	ns	ns	ns	ns
AGSD0032	104	106	AR045562	ns	ns	ns	ns	ns	ns	ns	ns	ns	ns	ns	ns	ns	ns	ns	ns	ns	ns	ns	ns
AGSD0032	106	108	AR045563	0.49	0.035	0.4	7	0.6	6.4	19.2	0.6	16.5	19.5	0.5	0.1	0.006	0.5	3	2.8	0.1	bd	bd	9
AGSD0032	108	110	AR045564	0.79	0.043	0.3	8	0.6	7.8	13.6	0.5	21.2	16.3	0.7	0.1	0.007	0.7	3	1.3	0.0	bd	10	10
AGSD0032	110	112	AR045565	0.30	0.019	0.2	8	0.6	6.7	21.8	0.7	17.4	13.5	0.5	0.1	0.004	bd	2	0.7	0.0	bd	bd	9
AGSD0032	112	114	AR045566	0.49	0.036	0.2	11	0.9	8.3	19.6	1.1	16.7	15.3	1.0	0.1	0.005	bd	2	1.5	bd	bd	bd	10
AGSD0032	114	116	AR045567	0.86	0.047	0.1	20	1.1	12.3	17.5	1.3	15.7	12.8	1.2	0.2	0.005	0.2	4	2.7	bd	bd	20	10
AGSD0032	116	118	AR045568	0.94	0.051	0.2	14	1.6	15.9	13.2	0.8	15.0	15.5	1.6	0.3	0.004	0.1	4	2.3	bd	bd	40	10
AGSD0032	118	121	AR045569	0.85	0.044	0.2	13	1.2	14.6	10.2	0.9	20.7	11.5	1.4	0.3	0.005	0.2	4	1.5	0.1	bd	30	12
AGSD0033	0	2	AR045572	0.02	0.002	0.0	15	0.1	5.4	0.7	4.5	32.3	7.0	12.5	3.4	0.009	3.6	15	0.5	0.2	100	10	16
AGSD0033	2	4	AR045573	0.02	0.001	0.0	46	0.3	28.4	0.3	6.6	18.0	5.6	3.8	1.0	0.003	2	8	1.8	0.3	100	40	5
AGSD0033	4	6	AR045574	0.03	0.002	0.0	54	0.6	36.3	0.2	5.8	13.2	5.6	5.1	1.4	bd	1.1	6	2	0.3	bd	50	3
AGSD0033	6	8	AR045575	0.21	0.038	0.1	39	1.2	42.1	0.2	4.3	8.5	9.7	3.1	0.9	bd	0.4	10	5.9	0.2	bd	100	bd
AGSD0033	8	10	AR045576	0.38	0.052	0.1	31	1.2	50.4	0.1	2.7	4.2	10.9	2.1	0.6	bd	bd	11	6.7	0.1	bd	160	5
AGSD0033	10	12	AR045577	0.35	0.023	0.0	27	1.4	49.9	0.2	3.0	4.2	10.8	1.5	0.4	0.008	bd	12	9.4	0.1	bd	180	bd
AGSD0033	12	14	AR045578	0.60	0.026	0.0	32	1.4	51.2	0.2	2.4	3.0	12.0	3.6	1.0	bd	0.1	9	8.3	0.1	bd	170	1
AGSD0033	14	16	AR045579	0.73	0.037	0.0	21	0.8	52.4	0.1	1.9	3.2	11.8	3.9	1.0	0.001	bd	6	6.9	0.0	bd	190	5
AGSD0033	16	18	AR045582	0.71	0.036	0.0	15	0.7	53.1	0.1	1.0	3.7	11.4	4.4	1.2	0.002	bd	2	5.2	0.0	bd	170	24
AGSD0033	18	20	AR045583	0.58	0.02	0.0	13	0.9	28.2	4.3	0.9	18.2	8.6	6.4	1.6	0.001	bd	3	5.4	bd	100	90	4
AGSD0033	20	22	AR045584	0.67	0.021	0.0	12	0.9	43.5	1.1	0.6	10.1	10.1	6.6	1.7	0.006	0.2	3	4.7	0.0	100	130	bd
AGSD0033	22	24	AR045585	0.36	0.01	0.0	8	0.8	13.1	4.7	0.2	30.3	5.2	2.3	0.5	0.003	0.6	3	0.4	bd	100	30	4
AGSD0033	24	26	AR045586	0.31	0.01	0.0	15	0.8	15.5	3.6	1.3	28.2	6.0	2.3	0.6	0.012	1.3	12	1.4	0.0	100	40	bd
AGSD0033	26	28	AR045587	0.46	0.017	0.0	20	1.0	22.0	8.0	2.0	16.8	10.2	3.0	0.8	0.014	1.7	14	2.5	0.1	100	50	4
AGSD0033	28	30	AR045588	0.53	0.017	0.0	9	0.8	13.5	13.2	0.3	21.8	8.1	1.6	0.5	0.003	0.1	2	0.4	bd	100	30	bd
AGSD0033	30	32	AR045589	0.43	0.015	0.0	8	0.7	11.9	10.5	0.4	25.0	7.6	1.3	0.3	0.011	1220	3040	0.6	bd	100	20	1
AGSD0033	32	34	AR045592	0.48	0.016	0.0	7	0.6	10.5	13.1	0.3	23.8	8.1	0.8	0.2	0.002	21.4	54	0.6	bd	100	20	1
AGSD0033	34	36	AR045593	0.54	0.017	0.0	8	0.7	11.3	14.0	0.3	22.7	8.0	0.7	0.2	0.001	1	3	0.4	bd	100	20	1
AGSD0033	36	38	AR045594	0.40	0.016	0.0	15	1.0	18.0	8.4	1.4	21.2	8.3	2.5	0.7	0.001	2.9	71	1.8	0.1	100	40	5
AGSD0033	38	40	AR045595	1.54	0.049	0.1	25	1.5	45.1	1.0	1.3	5.4	12.6	1.7	0.5	0.003	1.2	13	10.7	0.0	100	210	20
AGSD0033	40	42	AR045596	0.92	0.023	0.1	13	0.8	19.9	10.6	0.7	18.0	9.7	0.8	0.2	0.009	0.2	3	3.5	bd	100	80	8
AGSD0033	42	44	AR045597	0.44	0.015	0.0	6	0.6	10.9	11.9	0.3	24.8	7.8	0.6	0.1	0.007	5.6	19	1.2	bd	100	30	16
AGSD0033	44	46	AR045598	0.46	0.018	0.1	7	0.8	12.3	13.1	0.3	22.7	8.1	0.6	0.2	0.015	11.5	29	0.8	bd	100	30	5
AGSD0033	46	48	AR045599	0.33	0.012	0.0	6	0.5	8.6	11.0	0.2	27.8	6.8	0.4	0.1	0.021	23.6	85	0.7	bd	100	10	5

Hole	From (m)	To (m)	Sample number	Ni (%)	Co (%)	Mn (%)	Sc (g/t)	Cr (%)	Fe (%)	Mg (%)	Al (%)	Si (%)	LOI (%)	Nd (ppm)	Pr (ppm)	Au (ppm)	Ag (ppm)	W (ppm	Sb (ppm	Bi (ppm)	Pb (ppm)	As (ppm)	Li (ppm
AGSD0033	48	50	AR045602	0.18	0.007	0.0	4	0.3	6.3	5.2	0.2	36.3	3.2	0.3	0.1	0.056	0.4	2	0.7	bd	100	20	13
AGSD0033	50	52	AR045603	0.25	0.01	0.0	5	0.4	7.1	5.4	0.2	32.7	7.3	0.6	0.2	0.056	0.2	3	0.9	bd	100	40	11
AGSD0033	52	54	AR045604	0.28	0.021	0.2	4	0.3	5.7	12.1	0.1	14.4	27.9	0.7	0.2	0.011	bd	3	0.9	bd	bd	20	bd
AGSD0033	54	56	AR045605	0.26	0.02	0.2	4	0.1	4.3	12.6	0.2	12.9	31.0	0.7	0.2	0.016	bd	4	0.7	bd	bd	20	bd
AGSD0033	56	58	AR045606	0.24	0.02	0.2	3	0.1	4.1	12.7	0.2	14.4	29.7	0.5	0.1	0.018	bd	3	0.7	bd	bd	20	bd
AGSD0033	58	60	AR045607	0.22	0.018	0.2	4	0.4	5.9	12.0	0.1	15.3	25.3	1.2	0.4	0.024	bd	4	1.5	bd	bd	20	bd
AGSD0033	60	62	AR045608	0.29	0.018	0.0	6	0.6	8.1	13.6	0.3	24.0	10.4	0.4	0.1	0.057	0.1	2	1.3	bd	100	20	bd
AGSD0033	62	64	AR045609	0.33	0.02	0.0	5	0.3	8.9	18.1	0.2	20.7	10.6	0.1	0.0	0.03	bd	2	1.3	bd	100	20	5
AGSD0033	64	66	AR045612	0.09	0.005	0.1	6	0.0	3.0	1.7	0.1	38.6	6.3	0.4	0.1	0.011	1.4	1	0.6	0.0	100	10	1
AGSD0033	66	68	AR045613	0.24	0.01	0.0	4	0.5	6.7	5.7	0.2	34.4	4.8	0.5	0.1	0.042	5.2	22	1.4	0.0	100	30	7
AGSD0033	68	70	AR045614	0.29	0.015	0.2	8	0.4	7.1	11.7	0.3	14.7	24.6	0.4	0.1	0.019	1	5	1.3	bd	100	30	3
AGSD0034	0	2	AR045616	0.02	0.003	0.0	14	0.1	5.0	1.1	4.4	26.2	13.2	12.0	3.2	0.027	0.8	4	0.4	0.2	100	10	19
AGSD0034	2	4	AR045617	0.05	0.008	0.0	23	0.2	9.4	0.9	5.9	25.4	10.5	8.0	2.0	0.027	0.2	3	0.9	0.2	100	10	20
AGSD0034	4	6	AR045618	0.04	0.005	0.0	20	0.1	6.4	0.5	9.0	29.6	6.9	3.0	0.8	0.003	0.1	2	0.7	0.2	bd	20	21
AGSD0034	6	8	AR045619	0.03	0.002	0.0	18	0.2	5.8	0.4	13.3	24.5	10.0	1.7	0.5	0.002	bd	4	0.8	0.2	bd	10	34
AGSD0034	8	10	AR045622	0.05	0.004	0.0	18	0.3	9.2	0.3	15.5	19.4	11.6	1.6	0.4	0.002	bd	6	2.7	0.2	bd	10	48
AGSD0034	10	12	AR045623	0.10	0.01	0.0	27	0.8	28.7	0.2	10.3	11.2	10.3	2.5	0.6	0.001	bd	12	15.6	0.2	bd	80	26
AGSD0034	12	14	AR045624	0.28	0.015	0.0	79	1.6	45.1	0.1	6.2	3.1	12.9	3.7	1.0	bd	0.1	13	30.8	0.2	bd	270	8
AGSD0034	14	16	AR045625	0.32	0.024	0.1	83	1.1	43.4	0.1	6.7	4.7	11.9	5.1	1.2	0.001	0.3	8	30.6	0.2	bd	270	20
AGSD0034	16	18	AR045626	0.34	0.027	0.1	86	0.9	40.2	0.1	7.8	6.0	11.9	3.6	0.8	0.001	1.6	13	34.6	0.2	bd	240	28
AGSD0034	18	20	AR045627	0.40	0.028	0.1	84	1.0	46.9	0.1	5.5	3.4	12.3	7.4	1.7	0.001	bd	8	22.4	0.2	bd	260	9
AGSD0034	20	22	AR045628	0.41	0.024	0.1	86	1.2	45.6	0.1	6.2	3.2	12.5	7.9	1.9	0.001	1.3	13	27.5	0.2	bd	310	7
AGSD0034	22	24	AR045629	0.52	0.029	0.1	74	1.1	45.8	0.2	5.3	4.1	12.2	9.3	2.4	0.001	0.3	8	27.9	0.2	bd	310	10
AGSD0034	24	26	AR045632	0.51	0.031	0.1	66	1.1	45.5	0.2	4.9	4.7	11.8	9.8	2.5	0.003	0.3	8	25.6	0.1	bd	310	12
AGSD0034	26	28	AR045633	0.33	0.027	0.1	57	0.8	33.6	0.6	6.4	9.4	13.5	7.5	2.1	0.005	20.8	72	20	0.2	bd	200	21
AGSD0034	28	30	AR045634	0.41	0.027	0.0	34	0.7	49.2	0.3	2.9	4.0	12.1	6.4	1.6	0.003	6.4	28	15.7	0.1	bd	200	9
AGSD0034	30	32	AR045635	0.33	0.024	0.0	18	0.5	56.5	0.1	1.4	1.5	11.4	6.5	1.6	0.002	0.4	4	9.6	0.0	bd	160	3
AGSD0034	32	34	AR045636	0.45	0.028	0.1	20	0.6	55.4	0.1	1.7	1.8	11.5	7.2	1.7	0.003	1	4	14	0.1	bd	170	4
AGSD0034	34	36	AR045637	0.45	0.026	0.0	15	0.6	54.8	0.2	1.7	2.0	11.8	6.9	1.6	bd	0.3	4	14.3	0.1	bd	180	4
AGSD0034	36	38	AR045638	0.35	0.02	0.0	20	0.7	51.3	0.2	2.6	3.1	12.3	5.7	1.2	bd	0.2	4	6	0.0	bd	110	12
AGSD0034	38	40	AR045639	0.44	0.03	0.0	14	0.7	55.9	0.2	1.3	1.4	11.9	7.5	1.7	0.001	0.1	3	14.5	0.0	bd	150	9
AGSD0034	40	42	AR045642	0.48	0.021	0.0	16	1.0	55.1	0.2	1.3	1.1	12.5	5.9	1.2	bd	0.5	4	11.5	0.0	bd	130	3
AGSD0034	42	44	AR045643	0.43	0.022	0.0	13	0.7	57.2	0.2	0.9	0.8	11.8	7.2	1.6	bd	0.3	2	13.2	0.0	bd	180	1
AGSD0034	44	46	AR045644	0.34	0.022	0.0	8	0.6	57.8	0.1	0.7	0.9	11.8	9.6	2.3	bd	0.2	3	6.4	0.0	bd	140	bd
AGSD0034	46	48	AR045645	0.41	0.022	0.0	11	0.8	57.1	0.2	1.0	1.1	12.0	8.5	1.9	bd	0.2	2	9.4	0.0	bd	140	11

Hole	From (m)	To (m)	Sample number	Ni (%)	Co (%)	Mn (%)	Sc (g/t)	Cr (%)	Fe (%)	Mg (%)	Al (%)	Si (%)	LOI (%)	Nd (ppm)	Pr (ppm)	Au (ppm)	Ag (ppm)	W (ppm	Sb (ppm	Bi (ppm)	Pb (ppm)	As (ppm)	Li (ppm
AGSD0034	48	50	AR045646	0.50	0.023	0.0	12	1.2	56.4	0.2	0.8	0.9	12.3	9.6	2.1	bd	bd	3	14.2	0.1	bd	120	bd
AGSD0034	50	52	AR045647	0.41	0.014	0.0	10	0.6	56.8	0.2	0.8	1.7	11.8	10.9	2.6	0.001	0.1	3	13	0.1	bd	100	4
AGSD0034	52	54	AR045648	0.59	0.018	0.1	29	1.3	51.7	0.4	2.1	2.3	12.7	11.0	2.6	bd	0.1	11	18.6	0.1	bd	130	6
AGSD0034	54	56	AR045649	0.64	0.018	0.1	34	1.3	49.4	0.6	2.3	2.6	13.7	10.0	2.4	bd	5.1	24	14.9	0.0	bd	90	2
AGSD0034	56	58	AR045652	0.92	0.025	0.1	30	1.3	51.7	0.6	1.4	1.2	14.7	8.0	1.9	bd	7.9	25	24	0.1	bd	150	bd
AGSD0034	58	60	AR045653	0.61	0.028	0.1	13	0.6	51.8	0.4	0.7	3.5	13.7	7.7	1.7	bd	1.1	8	11.9	0.2	100	110	2
AGSD0034	60	62	AR045654	0.80	0.027	0.1	23	0.6	52.6	0.6	0.8	1.4	15.3	8.0	1.8	bd	0.4	6	16	0.2	100	100	bd
AGSD0034	62	64	AR045655	0.81	0.028	0.2	19	0.6	53.4	0.5	0.6	1.6	14.3	9.6	2.2	0.003	0.3	5	16.1	0.2	bd	100	bd
AGSD0034	64	66	AR045656	0.96	0.027	0.2	23	0.6	49.5	0.6	1.0	1.5	16.3	12.6	2.7	0.002	0.1	7	18.4	0.5	bd	120	1
AGSD0034	66	68	AR045657	1.17	0.29	1.2	23	1.0	49.1	0.8	1.3	1.9	14.9	15.3	3.7	bd	0.6	9	14.9	0.2	100	100	20
AGSD0034	68	70	AR045658	0.91	0.11	0.5	22	0.8	49.8	0.6	1.0	2.1	15.3	13.4	3.1	bd	0.4	5	15.2	0.2	bd	220	2
AGSD0034	70	72	AR045659	0.88	0.081	0.5	19	0.7	51.8	0.5	1.0	2.3	13.9	16.1	3.8	bd	0.3	3	19.5	0.1	bd	430	4
AGSD0034	72	74	AR045662	1.26	0.155	0.7	28	1.4	47.7	0.8	1.3	2.2	15.7	11.3	2.5	0.001	0.6	9	21.6	0.2	100	300	6
AGSD0034	74	76	AR045663	1.29	0.126	0.5	31	2.2	44.7	1.2	1.5	2.6	15.9	7.5	1.6	bd	bd	22	17	0.0	100	220	3
AGSD0034	76	78	AR045664	1.16	0.055	0.2	26	2.2	40.7	1.1	1.5	5.7	15.3	5.4	1.2	0.001	0.7	10	29.3	0.1	100	280	4
AGSD0034	78	80	AR045665	1.48	0.093	0.6	30	3.0	40.8	1.4	1.3	4.5	15.3	5.6	1.4	bd	bd	10	24	0.1	100	380	2
AGSD0034	80	82	AR045666	1.25	0.132	0.7	35	2.8	43.8	1.2	1.3	1.9	17.1	4.0	1.1	0.003	bd	13	14.6	0.0	100	210	3
AGSD0034	82	84	AR045667	1.22	0.089	0.5	31	3.1	43.7	1.2	1.3	3.2	14.9	2.6	0.7	0.007	0.3	17	18.6	0.0	100	140	6
AGSD0034	84	86	AR045668	1.31	0.086	0.4	32	3.2	39.0	1.6	1.9	4.7	15.4	1.5	0.4	0.565	0.1	12	12.8	0.1	100	130	6
AGSD0034	86	88	AR045669	1.02	0.057	0.3	36	2.1	30.4	4.5	4.6	7.6	14.5	1.8	0.3	0.57	0.3	9	12.4	0.2	100	140	8
AGSD0034	88	90	AR045672	1.37	0.082	0.4	34	2.8	41.2	1.3	1.5	4.2	15.3	1.2	0.3	0.001	0.6	30	12.4	0.0	100	180	2
AGSD0034	90	92	AR045673	1.04	0.038	0.2	27	2.5	38.4	1.1	1.5	7.4	14.8	1.2	0.3	0.002	3	19	39.9	0.2	100	400	2
AGSD0034	92	94	AR045674	1.25	0.037	0.2	28	3.0	37.1	1.3	1.8	7.2	14.9	1.2	0.2	0.106	3	14	48.1	0.3	100	420	1
AGSD0034	94	96	AR045675	1.17	0.038	0.1	26	3.0	35.7	1.2	1.7	8.0	15.5	1.0	0.2	0.066	6.6	26	50.5	0.2	100	390	2
AGSD0034	96	98	AR045676	1.44	0.054	0.2	28	2.9	40.2	1.5	1.3	5.5	14.9	0.8	0.2	0.07	1	14	28	0.1	100	280	3
AGSD0034	98	100	AR045677	1.66	0.056	0.4	26	2.8	35.3	3.2	1.1	6.3	16.8	0.3	0.1	0.025	0.2	6	4.7	bd	100	70	9
AGSD0034	100	102	AR045678	0.87	0.035	0.2	21	1.5	23.2	7.2	2.3	12.6	15.4	2.2	0.6	0.034	3.4	19	9	0.1	100	70	11
AGSD0034	102	104	AR045679	1.14	0.048	0.4	12	1.5	17.2	14.4	0.6	10.7	20.9	0.3	0.0	0.027	0.4	7	7.1	bd	100	50	2
AGSD0034	104	106	AR045682	0.67	0.024	0.1	10	1.1	14.9	11.2	0.4	19.4	13.4	0.2	0.1	0.026	0.3	5	3.8	bd	100	40	1
AGSD0034	106	108	AR045683	ns	ns	ns	ns	ns	ns	ns	ns	ns	ns	ns	ns	ns	ns	ns	ns	ns	ns	ns	ns
AGSD0034	108	110	AR045684	ns	ns	ns	ns	ns	ns	ns	ns	ns	ns	ns	ns	ns	ns	ns	ns	ns	ns	ns	ns
AGSD0034	110	112	AR045685	ns	ns	ns	ns	ns	ns	ns	ns	ns	ns	ns	ns	ns	ns	ns	ns	ns	ns	ns	ns
AGSD0034	112	114	AR045686	ns	ns	ns	ns	ns	ns	ns	ns	ns	ns	ns	ns	ns	ns	ns	ns	ns	ns	ns	ns
AGSD0034	114	116	AR045687	ns	ns	ns	ns	ns	ns	ns	ns	ns	ns	ns	ns	ns	ns	ns	ns	ns	ns	ns	ns
AGSD0034	116	118	AR045688	0.28	0.013	0.1	5	0.3	5.6	24.6	0.2	16.4	14.1	0.1	0.0	0.008	bd	2	2.5	bd	bd	20	9

Hole	From (m)	To (m)	Sample number	Ni (%)	Co (%)	Mn (%)	Sc (g/t)	Cr (%)	Fe (%)	Mg (%)	Al (%)	Si (%)	LOI (%)	Nd (ppm)	Pr (ppm)	Au (ppm)	Ag (ppm)	W (ppm	Sb (ppm	Bi (ppm)	Pb (ppm)	As (ppm)	Li (ppm
AGSD0034	118	120	AR045689	0.28	0.013	0.1	4	0.3	6.1	25.5	0.2	16.7	11.6	0.0	bd	0.003	bd	2	1	bd	bd	10	6
AGSD0034	120	122	AR045692	0.27	0.012	0.1	6	0.3	5.8	24.4	0.5	17.0	12.5	0.2	0.0	0.008	0.1	3	1.7	0.0	bd	10	2
AGSD0034	122	124	AR045693	0.24	0.011	0.1	8	0.3	5.5	23.5	0.9	16.6	14.0	0.4	0.1	0.005	0.1	4	1.4	0.0	bd	20	8
AGSD0034	124	126	AR045694	0.29	0.013	0.1	5	0.2	6.0	25.8	0.2	17.1	10.9	bd	bd	0.002	bd	2	1.1	bd	bd	10	1
AGSD0034	126	128	AR045695	0.26	0.012	0.1	6	0.4	5.9	25.2	0.5	16.5	12.3	0.1	0.0	0.003	0.2	2	0.9	bd	bd	10	2
AGSD0035	0	2	AR045696	0.02	0.001	0.0	35	0.4	11.2	0.8	6.5	13.5	20.6	5.7	1.5	0.072	0.2	2	0.8	0.2	100	10	15
AGSD0035	2	4	AR045697	0.04	0.001	0.0	30	0.6	20.3	0.5	8.3	12.1	14.7	8.1	1.9	0.107	0.2	2	2	0.3	bd	20	15
AGSD0035	4	6	AR045698	0.05	0.002	0.0	34	0.8	29.0	0.3	11.7	11.2	8.2	7.0	1.8	0.041	0.1	4	2.1	0.4	bd	20	16
AGSD0035	6	8	AR045699	0.03	0.004	0.0	23	0.8	36.6	0.3	9.5	8.3	7.6	5.1	1.2	0.034	0.2	6	2.2	0.4	bd	20	14
AGSD0035	8	10	AR045702	0.03	0.002	0.0	19	0.4	17.8	0.2	5.6	26.3	4.6	6.0	1.5	0.017	4.9	34	1.7	0.3	100	10	11
AGSD0035	10	12	AR045703	0.16	0.01	0.0	27	1.4	41.2	0.2	5.3	7.6	9.9	2.7	0.6	0.001	1.5	18	6	0.3	bd	30	7
AGSD0035	12	14	AR045704	0.17	0.008	0.0	21	1.9	48.4	0.1	4.7	1.9	12.5	2.4	0.6	0.002	bd	18	11.2	0.6	bd	50	3
AGSD0035	14	16	AR045705	0.21	0.014	0.0	31	1.8	44.4	0.2	5.9	3.4	13.5	3.2	0.7	0.002	0.2	7	5.3	0.2	bd	30	9
AGSD0035	16	18	AR045706	0.35	0.024	0.0	54	1.5	42.6	0.2	6.5	4.5	13.2	4.4	1.0	0.003	bd	8	4.8	0.1	bd	30	15
AGSD0035	18	20	AR045707	0.45	0.023	0.1	55	1.4	42.0	0.2	6.8	5.3	11.7	6.0	1.4	0.002	bd	7	5.8	0.1	bd	40	19
AGSD0035	20	22	AR045708	0.47	0.09	0.8	50	1.2	42.4	0.2	6.1	5.0	12.4	10.3	2.5	bd	0.2	5	4.2	0.1	bd	30	33
AGSD0035	22	24	AR045709	0.57	0.172	1.1	36	1.1	45.5	0.1	4.9	3.5	12.7	8.6	2.0	bd	0.3	4	3.2	0.1	bd	30	49
AGSD0035	24	26	AR045712	0.56	0.049	0.2	39	1.2	48.4	0.2	4.3	3.1	12.3	6.0	1.4	bd	0.2	7	4.3	0.1	bd	40	13
AGSD0035	26	28	AR045713	0.61	0.028	0.1	46	1.6	43.9	0.2	5.5	3.9	13.5	5.0	1.1	0.001	0.5	9	5.8	0.1	bd	60	10
AGSD0035	28	30	AR045714	0.61	0.028	0.1	32	1.2	52.2	0.2	3.1	1.6	12.0	4.1	0.9	bd	0.2	4	7	0.2	bd	40	2
AGSD0035	30	32	AR045715	0.52	0.025	0.1	30	1.0	46.7	0.2	5.5	2.7	13.6	4.3	1.0	0.001	0.2	4	5	0.2	bd	30	5
AGSD0035	32	34	AR045716	0.80	0.023	0.1	37	2.2	48.5	0.3	3.1	2.2	13.6	6.3	1.4	bd	bd	8	5.9	0.2	bd	20	3
AGSD0035	34	36	AR045717	0.90	0.029	0.1	40	1.5	49.6	0.4	2.3	1.9	14.2	4.9	1.1	bd	bd	8	10.2	0.4	bd	60	3
AGSD0035	36	38	AR045718	0.64	0.037	0.1	29	0.7	49.4	0.3	3.4	3.3	11.9	5.4	1.2	bd	bd	7	9	0.2	bd	60	2
AGSD0035	38	40	AR045719	0.61	0.055	0.2	19	0.6	49.5	0.3	3.5	3.0	12.3	8.5	2.0	bd	0.8	7	5.4	0.9	bd	50	3
AGSD0035	40	42	AR045722	0.61	0.059	0.2	19	0.6	42.7	0.4	5.9	4.4	13.7	4.5	1.1	bd	1.4	10	4.7	1.1	bd	40	3
AGSD0035	42	44	AR045723	0.39	0.046	0.1	13	0.5	51.5	0.3	2.7	3.0	11.9	7.0	1.7	bd	1.5	10	3.7	0.6	bd	50	3
AGSD0035	44	46	AR045724	0.45	0.079	0.5	34	1.1	42.0	0.4	4.5	5.4	13.2	8.3	2.0	0.002	65.5	298	4.6	2.1	100	40	17
AGSD0035	46	48	AR045725	0.81	0.095	0.2	18	1.1	52.3	0.3	1.8	2.3	12.5	9.4	2.2	0.002	12.2	56	4.2	0.6	bd	60	5
AGSD0035	48	50	AR045726	0.63	0.066	0.2	25	0.9	50.0	0.3	2.4	3.0	12.9	8.9	2.2	0.001	21.7	100	5.8	1.1	bd	50	6
AGSD0035	50	52	AR045727	0.70	0.04	0.1	29	1.3	45.1	0.3	4.7	4.1	12.4	9.5	2.3	0.011	11.3	51	7.4	0.5	bd	80	20
AGSD0035	52	54	AR045728	0.81	0.052	0.2	34	2.4	47.5	0.5	3.7	2.9	10.9	9.6	2.2	0.004	17.1	70	14	0.7	100	100	7
AGSD0035	54	56	AR045729	0.86	0.056	0.1	28	1.5	53.6	0.5	1.6	1.2	11.8	10.1	2.3	0.001	7.5	39	14.7	0.6	bd	110	1
AGSD0035	56	58	AR045732	0.67	0.057	0.2	28	1.3	47.2	0.5	2.9	3.5	13.0	9.2	2.2	0.001	31.2	140	9.2	1.1	bd	70	7
AGSD0035	58	60	AR045733	0.81	0.053	0.2	34	1.5	42.3	0.6	3.6	4.5	14.8	6.2	1.4	0.007	8.6	52	7.5	0.5	100	70	9

Hole	From (m)	To (m)	Sample number	Ni (%)	Co (%)	Mn (%)	Sc (g/t)	Cr (%)	Fe (%)	Mg (%)	Al (%)	Si (%)	LOI (%)	Nd (ppm)	Pr (ppm)	Au (ppm)	Ag (ppm)	W (ppm	Sb (ppm	Bi (ppm)	Pb (ppm)	As (ppm)	Li (ppm
AGSD0035	60	62	AR045734	1.25	0.073	0.2	33	2.0	47.9	0.8	1.7	2.0	14.8	6.8	1.6	0.003	0.9	11	9.4	0.1	100	100	2
AGSD0035	62	64	AR045735	1.49	0.082	0.2	34	2.6	42.8	1.7	2.0	4.3	13.8	4.4	1.1	0.038	0.5	11	8.3	0.1	100	110	1
AGSD0035	64	66	AR045736	0.63	0.03	0.2	10	0.9	14.4	4.8	0.6	28.3	6.3	0.8	0.2	0.054	0.3	3	3.9	0.0	100	50	2
AGSD0035	66	68	AR045737	0.24	0.01	0.1	5	0.5	6.1	6.0	0.4	34.9	4.5	0.4	0.1	0.078	0.2	2	1	bd	100	10	3
AGSD0035	68	70	AR045738	0.51	0.024	0.1	15	1.0	11.3	17.6	1.9	17.0	11.7	0.8	0.2	0.212	0.4	3	5.3	bd	100	50	bd
AGSD0035	70	72	AR045739	0.59	0.021	0.2	11	0.7	14.4	3.0	0.4	29.4	6.8	0.6	0.1	0.033	0.4	4	5.1	bd	100	70	2
AGSD0035	72	74	AR045742	0.32	0.018	0.2	4	0.2	4.7	15.4	0.1	14.9	29.1	0.2	0.1	0.072	0.1	2	0.8	bd	bd	20	2
AGSD0035	74	76	AR045743	0.51	0.033	0.3	2	0.1	2.9	21.7	0.1	5.8	41.0	0.2	0.0	0.028	bd	1	0.4	bd	bd	10	2
AGSD0035	76	78	AR045744	0.25	0.013	0.1	4	0.3	5.0	8.6	0.2	25.5	16.5	0.2	0.1	0.031	0.3	4	0.9	bd	bd	20	7
AGSD0035	78	80	AR045745	0.42	0.024	0.2	3	0.2	3.1	18.2	0.1	10.0	35.9	0.2	0.0	0.02	0.2	1	0.6	bd	bd	10	8
AGSD0035	80	82	AR045746	0.28	0.013	0.1	5	0.4	6.6	12.8	0.2	19.8	20.8	0.1	0.0	0.045	0.3	4	2.1	bd	bd	30	3
AGSD0035	82	84	AR045747	0.28	0.013	0.1	5	0.5	5.9	23.7	0.3	16.3	14.8	0.0	0.0	0.017	0.2	2	1.7	bd	bd	30	8
AGSD0035	84	86	AR045748	0.25	0.013	0.1	6	0.5	5.9	24.3	0.4	16.7	13.0	0.1	0.0	0.034	0.6	2	1.2	bd	bd	20	7
AGSD0035	86	88	AR045749	0.24	0.013	0.1	5	0.4	5.8	23.9	0.3	16.3	14.5	0.1	0.0	0.013	bd	2	2.1	bd	bd	20	7
AGSD0035	88	90	AR045752	0.28	0.014	0.1	5	0.3	6.3	24.8	0.2	17.0	11.5	0.1	0.0	0.017	0.1	2	2.7	bd	100	60	ns
AGSD0035	90	92	AR045753	0.27	0.013	0.1	6	0.3	6.1	23.8	0.3	16.2	14.7	0.2	0.0	0.026	0.2	2	4.6	bd	100	90	ns
AGSD0035	92	94	AR045754	0.27	0.011	0.1	6	0.3	5.8	23.6	0.3	16.3	15.4	0.1	0.0	0.034	bd	2	4.7	bd	bd	90	ns
AGSD0035	94	96	AR045755	0.23	0.01	0.1	5	0.2	5.4	22.4	0.3	14.7	18.9	0.4	0.1	0.017	bd	1	4.2	bd	bd	60	ns
AGSD0035	96	98	AR045756	0.29	0.014	0.1	6	0.3	6.0	25.4	0.3	17.3	10.1	0.1	bd	0.018	0.3	2	1.2	bd	100	10	ns
AGSD0035	98	100	AR045757	0.26	0.013	0.1	8	0.4	6.3	24.2	0.8	17.2	10.3	0.4	0.1	0.002	0.1	2	0.6	bd	100	bd	ns
AGSD0035	100	102	AR045758	0.28	0.014	0.1	6	0.3	6.5	25.9	0.2	17.2	9.1	0.1	0.0	0.005	0.1	1	0.5	bd	100	bd	ns
AGSD0035	106	108	AR045759	0.29	0.014	0.1	6	0.4	6.5	26.2	0.3	17.3	8.3	0.1	0.0	0.002	bd	2	0.4	bd	100	bd	ns
AGSD0035	108	110	AR045762	0.27	0.014	0.1	6	0.3	6.5	25.5	0.3	16.6	10.8	0.2	0.0	0.006	bd	2	1	bd	100	10	ns
AGSD0035	110	112	AR045763	0.28	0.014	0.1	5	0.2	6.1	25.3	0.2	16.7	12.0	0.2	0.0	0.011	bd	2	1.4	bd	100	20	ns
AGSD0035	112	114	AR045764	0.28	0.013	0.1	5	0.2	6.0	22.7	0.2	18.6	12.5	0.1	bd	0.025	bd	2	3.6	bd	100	60	ns
AGSD0035	114	116	AR045765	0.28	0.013	0.1	5	0.2	6.7	22.8	0.2	18.1	12.1	0.1	0.0	0.022	bd	2	3.3	bd	100	50	ns
AGSD0035	116	118	AR045766	0.26	0.012	0.1	6	0.4	6.1	23.9	0.5	16.3	13.6	0.2	0.0	0.011	bd	2	1.5	bd	bd	10	ns
AGSD0035	118	120	AR045767	0.28	0.013	0.1	7	0.4	6.3	24.8	0.6	17.4	9.6	0.3	0.1	0.004	bd	2	0.8	bd	100	bd	ns
AGSD0035	166	168	AR045768	0.30	0.014	0.1	6	0.2	6.2	26.7	0.3	17.5	7.9	0.1	0.0	0.006	bd	2	1	bd	100	10	ns
AGSD0035	168	170	AR045769	0.28	0.013	0.1	7	0.7	6.1	25.5	0.6	17.4	8.3	0.3	0.1	0.004	bd	2	0.9	bd	100	bd	ns
AGSD0035	170	172	AR045772	0.26	0.012	0.1	8	0.5	5.6	24.1	0.9	17.4	11.2	0.4	0.1	0.004	bd	2	1.5	bd	100	10	ns
AGSD0035	172	174	AR045773	0.22	0.01	0.1	5	0.3	4.9	20.8	0.4	14.9	19.6	0.3	0.1	0.015	bd	1	2.2	0.1	100	20	ns
AGSD0035	174	176	AR045774	0.24	0.011	0.1	6	0.5	5.4	22.1	0.5	15.8	18.1	0.2	0.0	0.007	bd	1	2.2	0.0	bd	20	ns
AGSD0035	176	178	AR045775	0.23	0.011	0.1	5	0.3	5.0	21.4	0.3	16.2	17.9	0.1	0.0	0.162	bd	bd	1.7	0.1	100	10	ns
AGSD0035	178	180	AR045776	0.24	0.012	0.2	5	0.3	5.6	17.8	0.3	16.1	20.0	0.2	0.0	0.005	bd	1	2.1	0.1	100	20	ns

Hole	From (m)	To (m)	Sample number	Ni (%)	Co (%)	Mn (%)	Sc (g/t)	Cr (%)	Fe (%)	Mg (%)	Al (%)	Si (%)	LOI (%)	Nd (ppm)	Pr (ppm)	Au (ppm)	Ag (ppm)	W (ppm	Sb (ppm	Bi (ppm)	Pb (ppm)	As (ppm)	Li (ppm
AGSD0035	180	182	AR045777	0.26	0.013	0.1	6	0.3	6.3	17.1	0.4	21.4	12.3	0.3	0.1	0.002	bd	3	1.9	0.1	100	bd	ns
AGSD0035	182	184	AR045778	0.27	0.011	0.2	5	0.2	5.4	20.9	0.3	15.1	19.5	0.2	0.0	0.01	bd	2	2	0.0	bd	20	ns
AGSD0035	184	186	AR045779	0.26	0.012	0.1	6	0.3	5.6	23.7	0.3	16.1	15.7	0.1	0.0	0.024	bd	1	4	0.0	bd	50	ns
AGSD0035	186	188	AR045782	0.30	0.015	0.1	6	0.3	6.3	26.6	0.3	17.8	6.9	0.1	0.0	0.006	bd	1	0.8	bd	100	bd	ns
AGSD0035	188	190	AR045783	0.29	0.015	0.1	6	0.4	6.0	26.3	0.4	17.5	8.5	0.1	0.0	0.01	bd	1	1	bd	100	bd	ns
AGSD0036	0	2	AR045786	0.02	0.004	0.0	9	0.0	3.1	1.6	2.9	24.6	17.1	12.4	3.4	0.014	0.3	2	0.3	0.1	100	bd	13
AGSD0036	2	4	AR045787	0.02	0.002	0.0	18	0.1	6.6	0.5	6.1	33.2	4.6	4.6	1.4	0.002	1.2	6	0.5	0.2	100	10	25
AGSD0036	4	6	AR045788	0.02	0.002	0.0	33	0.2	20.5	0.4	7.1	22.3	6.2	4.8	1.3	bd	0.3	3	1.4	0.3	bd	30	14
AGSD0036	6	8	AR045789	0.02	0.001	0.0	42	0.3	30.4	0.3	7.4	15.2	6.8	4.2	1.1	0.008	0.9	5	1.9	0.3	bd	60	17
AGSD0036	8	10	AR045792	0.03	0.003	0.0	20	0.1	12.0	0.8	4.1	27.8	8.1	6.0	1.6	0.005	8.7	43	0.9	0.2	100	20	14
AGSD0036	10	12	AR045793	0.02	0.002	0.0	14	0.1	8.2	0.7	3.5	32.0	6.8	6.1	1.7	0.006	10.9	60	0.7	0.2	100	10	19
AGSD0036	12	14	AR045794	0.12	0.049	0.2	11	0.1	3.4	0.6	12.5	27.0	9.5	33.5	9.6	0.004	0.4	4	0.6	0.2	bd	10	59
AGSD0036	14	16	AR045795	0.06	0.017	0.1	11	0.2	2.3	0.3	8.3	33.1	6.4	7.7	2.3	0.001	1.1	9	0.6	0.2	bd	10	37
AGSD0036	16	18	AR045796	0.05	0.007	0.0	9	0.1	3.0	0.4	11.4	28.8	8.9	16.0	5.1	bd	0.4	5	0.7	0.1	bd	10	41
AGSD0036	18	20	AR045797	0.18	0.033	0.1	15	0.2	5.1	0.6	11.4	27.1	9.2	32.7	8.9	bd	0.4	4	0.9	0.2	bd	20	47
AGSD0036	20	22	AR045798	0.27	0.034	0.1	10	0.3	5.1	4.2	4.9	29.5	10.9	31.7	8.3	0.005	bd	1	1	0.1	bd	10	27
AGSD0036	22	24	AR045799	0.20	0.011	0.1	6	0.3	6.8	2.1	1.3	34.0	7.1	4.6	1.3	0.004	0.7	4	1.8	0.0	bd	10	7
AGSD0036	24	26	AR045802	0.23	0.019	0.3	4	0.5	5.4	4.2	0.3	27.6	15.1	1.0	0.3	0.002	0.2	2	1.2	bd	bd	20	12
AGSD0036	26	28	AR045803	0.21	0.016	0.2	4	0.4	5.1	3.8	1.1	28.8	13.6	1.7	0.5	0.001	bd	2	1.1	0.0	bd	10	7
AGSD0036	28	30	AR045804	0.20	0.015	0.2	4	0.4	4.6	5.9	1.2	22.1	20.4	1.7	0.5	0.001	0.1	3	1.6	0.0	bd	10	11
AGSD0036	30	32	AR045805	0.21	0.015	0.2	3	0.3	3.2	10.4	0.8	9.8	34.4	1.0	0.3	bd	bd	2	1.3	bd	bd	bd	4
AGSD0036	32	34	AR045806	0.29	0.013	0.1	2	0.2	2.2	18.4	0.1	8.5	39.3	0.1	0.0	bd	bd	1	0.8	bd	bd	10	6
AGSD0036	34	36	AR045807	0.30	0.013	0.1	2	0.2	2.8	17.0	0.1	9.3	37.8	0.1	0.0	bd	bd	1	0.9	bd	bd	bd	4
AGSD0036	36	38	AR045808	0.29	0.016	0.1	2	0.3	3.6	12.8	0.3	8.3	36.4	0.3	0.1	0.003	0.3	1	1.2	bd	bd	10	6
AGSD0036	38	40	AR045809	0.27	0.011	0.1	2	0.3	3.4	16.1	0.1	9.7	36.5	0.1	0.0	0.005	0.1	1	0.8	bd	bd	10	4
AGSD0036	40	42	AR045812	0.21	0.009	0.1	2	0.2	2.5	19.2	0.0	8.1	40.2	0.0	bd	0.002	bd	1	0.2	bd	bd	10	7
AGSD0036	42	44	AR045813	0.20	0.008	0.1	2	0.3	3.2	17.3	0.1	9.4	37.6	0.0	bd	0.002	bd	3	0.1	bd	bd	10	2
AGSD0036	44	46	AR045814	0.22	0.009	0.1	2	0.3	3.8	12.8	0.1	13.6	32.2	0.1	bd	0.012	bd	2	0.3	bd	bd	10	3
AGSD0036	46	48	AR045815	0.26	0.011	0.1	3	0.4	4.1	12.7	0.1	13.7	31.5	0.0	bd	0.03	bd	2	0.6	bd	bd	10	26
AGSD0036	48	50	AR045816	0.19	0.007	0.1	2	0.2	2.9	18.9	0.0	10.7	37.2	0.0	bd	0.067	bd	bd	0.4	bd	bd	10	14
AGSD0036	50	52	AR045817	0.18	0.008	0.1	2	0.3	2.9	20.0	0.1	8.5	39.6	bd	bd	0.026	bd	bd	0.2	bd	bd	10	3
AGSD0036	52	54	AR045818	0.15	0.006	0.1	2	0.2	2.4	19.1	0.0	10.7	37.6	0.0	bd	0.004	bd	1	0.1	bd	bd	10	14
AGSD0036	54	56	AR045819	0.20	0.009	0.1	2	0.2	3.0	18.6	0.0	10.1	37.4	0.0	bd	0.016	bd	1	0.5	bd	bd	10	3
AGSD0036	56	58	AR045822	0.17	0.006	0.1	2	0.2	2.9	21.0	0.0	7.9	39.5	0.0	bd	bd	bd	1	0.7	bd	bd	10	2
AGSD0036	58	60	AR045823	0.13	0.006	0.1	2	0.2	2.7	20.7	0.0	9.0	39.2	0.0	bd	0.003	bd	1	0.6	bd	bd	10	10

Hole	From (m)	To (m)	Sample number	Ni (%)	Co (%)	Mn (%)	Sc (g/t)	Cr (%)	Fe (%)	Mg (%)	Al (%)	Si (%)	LOI (%)	Nd (ppm)	Pr (ppm)	Au (ppm)	Ag (ppm)	W (ppm	Sb (ppm	Bi (ppm)	Pb (ppm)	As (ppm)	Li (ppm
AGSD0036	60	62	AR045824	0.13	0.005	0.0	1	0.1	2.5	23.4	0.0	5.9	43.2	bd	bd	bd	bd	bd	0.2	bd	bd	10	2
AGSD0036	62	64	AR045825	0.17	0.007	0.1	2	0.4	3.0	19.9	0.1	9.2	38.8	0.0	bd	0.001	bd	1	0.3	bd	bd	10	2
AGSD0036	64	66	AR045826	0.21	0.01	0.1	2	0.5	2.9	20.4	0.1	8.1	39.2	0.0	bd	0.002	bd	1	0.4	bd	bd	10	3
AGSD0036	66	68	AR045827	0.20	0.009	0.1	1	0.2	2.0	21.5	0.1	7.4	41.1	0.1	bd	0.005	bd	1	0.3	bd	bd	10	2
AGSD0036	68	70	AR045828	0.26	0.014	0.1	3	0.9	4.3	16.6	0.2	11.4	34.0	0.1	bd	0.017	bd	2	0.4	bd	bd	10	5
AGSD0036	70	72	AR045829	0.20	0.01	0.1	3	0.5	4.1	18.2	0.1	11.7	33.6	0.1	bd	0.002	bd	2	0.9	bd	bd	10	3
AGSD0036	72	74	AR045832	0.19	0.008	0.1	2	0.5	3.3	20.1	0.1	8.9	38.3	0.0	bd	bd	bd	1	0.3	bd	bd	10	4
AGSD0036	74	76	AR045833	0.18	0.008	0.1	2	0.4	3.3	20.4	0.1	8.5	38.9	0.0	bd	0.001	bd	1	0.3	bd	bd	10	3
AGSD0036	76	78	AR045834	0.18	0.008	0.1	2	0.7	3.8	20.2	0.1	8.5	38.3	0.0	bd	0.001	bd	1	0.3	bd	bd	10	2
AGSD0036	78	80	AR045835	0.18	0.008	0.1	2	0.3	3.7	19.7	0.1	10.3	36.5	0.0	bd	bd	bd	1	0.4	bd	bd	10	3
AGSD0036	80	82	AR045836	0.15	0.007	0.1	1	0.2	3.2	19.7	0.0	10.4	37.0	0.0	bd	bd	0.1	1	0.4	bd	bd	10	3
AGSD0036	82	84	AR045837	0.19	0.01	0.1	2	0.1	3.5	19.3	0.0	8.1	38.3	0.0	bd	0.003	0.2	1	0.6	bd	bd	10	2
AGSD0036	84	86	AR045838	0.24	0.014	0.2	3	0.2	4.9	15.9	0.0	11.9	31.9	0.3	0.1	0.021	bd	2	1	0.0	bd	10	2
AGSD0036	86	88	AR045839	0.22	0.013	0.2	3	0.1	5.1	12.3	0.0	16.5	25.7	0.4	0.1	0.026	bd	5	1.3	bd	bd	10	7
AGSD0036	88	90	AR045842	0.23	0.015	0.2	4	0.1	6.0	12.3	0.0	12.5	29.5	0.3	0.1	0.029	bd	5	1.1	bd	bd	10	4
AGSD0036	90	92	AR045843	0.27	0.017	0.2	3	0.1	4.8	14.0	0.0	13.1	30.7	0.3	0.1	0.069	bd	2	0.9	bd	bd	10	3
AGSD0036	92	94	AR045844	0.28	0.015	0.2	3	0.1	4.7	16.1	0.0	10.5	33.9	0.2	0.1	0.023	bd	2	1.5	bd	bd	10	4
AGSD0036	94	96	AR045845	0.26	0.012	0.1	2	0.0	3.1	17.0	bd	11.9	35.0	0.1	bd	0.008	bd	1	0.4	bd	bd	10	4
AGSD0036	96	98	AR045846	0.28	0.017	0.2	2	0.1	4.5	14.1	0.0	16.5	27.4	0.3	0.1	0.034	bd	2	1.2	0.0	bd	10	4
AGSD0036	98	100	AR045847	0.32	0.019	0.2	3	0.1	5.6	14.1	0.0	15.7	27.3	0.4	0.1	0.029	bd	4	0.9	bd	bd	10	5
AGSD0036	100	102	AR045848	0.33	0.021	0.2	3	0.1	5.8	14.5	0.0	18.6	22.9	0.3	0.1	0.023	bd	3	1.5	bd	bd	10	5
AGSD0036	102	104	AR045849	0.26	0.019	0.1	3	0.1	7.4	14.9	0.0	23.1	12.8	0.2	0.0	0.065	bd	6	3.6	0.1	bd	10	4
AGSD0036	104	106	AR045852	0.19	0.016	0.0	3	0.1	7.2	15.8	0.0	24.1	9.7	0.2	0.1	0.063	bd	13	2.7	0.2	bd	10	14
AGSD0036	106	108	AR045853	0.22	0.012	0.1	5	0.1	6.0	13.2	0.2	21.2	16.4	1.1	0.3	0.026	0.1	11	2.3	1.1	100	10	6
AGSD0036	108	110	AR045854	0.04	0.002	0.0	7	0.0	2.3	2.5	9.5	28.7	2.3	14.4	3.7	0.008	bd	2	bd	0.1	bd	bd	31
AGSD0036	110	112	AR045855	0.05	0.002	0.0	7	0.0	1.6	1.0	9.4	30.5	1.6	16.2	4.2	0.032	bd	2	bd	0.2	100	bd	28
AGSD0036	112	114	AR045856	0.07	0.003	0.0	6	0.0	1.8	1.2	8.6	30.7	2.1	15.4	4.2	0.004	bd	2	0.2	0.1	100	bd	26
AGSD0036	114	116	AR045857	0.04	0.003	0.0	6	0.0	2.5	1.3	8.8	30.5	2.0	19.3	5.3	0.016	bd	1	0.1	0.1	100	bd	ns
AGSD0036	116	118	AR045858	0.03	0.002	0.0	7	0.0	2.7	1.4	8.7	30.5	2.0	22.2	5.9	bd	bd	1	bd	0.1	100	bd	ns
AGSD0036	118	120	AR045859	0.03	0.002	0.0	8	0.0	2.7	1.4	8.8	30.2	1.8	18.9	5.1	0.002	0.1	2	bd	0.4	100	bd	ns
AGSD0036	120	122	AR045860	0.02	0.003	0.0	7	0.0	3.1	2.0	8.5	30.0	2.7	19.5	5.3	0.001	bd	1	bd	0.6	100	bd	ns
AGSD0036	122	124	AR045861	0.01	0.002	0.0	6	0.0	2.8	1.9	8.4	30.6	2.4	19.9	5.4	bd	bd	1	bd	0.1	100	bd	ns
AGSD0036	124	126	AR045862	0.01	0.002	0.0	7	0.0	2.5	1.7	8.5	30.6	2.3	19.2	5.1	bd	bd	bd	bd	0.2	100	bd	ns
AGSD0036	126	128	AR045863	0.01	0.002	0.0	7	0.0	2.6	1.8	8.4	30.6	2.5	18.6	5.1	0.009	bd	1	bd	0.2	100	bd	ns
AGSD0036	128	130	AR045864	0.01	0.003	0.0	6	0.0	2.9	1.4	8.5	30.6	1.3	21.9	5.8	0.001	bd	1	bd	0.1	100	bd	ns

Hole	From (m)	To (m)	Sample number	Ni (%)	Co (%)	Mn (%)	Sc (g/t)	Cr (%)	Fe (%)	Mg (%)	Al (%)	Si (%)	LOI (%)	Nd (ppm)	Pr (ppm)	Au (ppm)	Ag (ppm)	W (ppm	Sb (ppm	Bi (ppm)	Pb (ppm)	As (ppm)	Li (ppm
AGSD0036	130	132	AR045867	0.00	0.002	0.0	7	0.0	2.8	1.1	8.6	30.8	0.5	21.1	5.6	bd	bd	1	bd	0.1	100	bd	ns
AGSD0036	132	134	AR045868	0.00	0.002	0.0	7	0.0	2.7	1.1	8.6	30.9	0.5	20.6	5.6	bd	bd	1	bd	0.1	100	bd	ns
AGSD0036	134	136	AR045869	0.01	0.002	0.0	6	0.0	2.7	1.7	8.5	30.6	2.0	20.1	5.3	bd	bd	1	bd	0.1	100	bd	ns
AGSD0036	136	138	AR045870	0.01	0.002	0.0	7	0.0	2.7	2.0	8.7	30.4	2.2	17.8	4.6	bd	bd	1	bd	0.1	100	bd	ns
AGSD0036	138	140	AR045871	0.05	0.003	0.0	7	0.0	3.0	2.7	8.7	29.3	3.3	17.2	4.6	0.002	bd	2	bd	0.1	100	bd	ns
AGSD0036	140	142	AR045872	0.04	0.003	0.0	7	0.0	2.7	2.1	9.0	29.5	2.5	24.2	6.9	0.003	bd	2	bd	0.1	bd	bd	ns
AGSD0036	142	144	AR045873	0.01	0.002	0.0	7	0.0	2.5	1.3	8.6	31.0	1.0	19.0	5.1	bd	bd	1	bd	0.0	100	bd	ns
AGSD0036	144	146	AR045874	0.01	0.002	0.0	7	0.0	2.7	1.5	8.5	30.7	0.9	19.5	5.5	0.001	bd	1	bd	0.1	100	bd	ns
AGSD0036	146	148	AR045875	0.01	0.003	0.0	7	0.0	2.4	1.2	9.1	30.2	0.9	22.1	5.9	0.011	0.1	1	0.1	0.7	100	bd	ns
AGSD0036	148	150	AR045876	0.01	0.002	0.0	7	0.0	2.3	1.4	9.0	30.1	1.3	18.4	4.7	bd	bd	1	0.1	0.2	100	bd	ns
AGSD0036	150	152	AR045877	0.02	0.003	0.0	7	0.0	2.4	1.6	8.9	30.0	1.5	17.7	4.5	0.002	bd	1	0.1	0.1	100	bd	ns
AGSD0036	152	154	AR045878	0.02	0.002	0.0	8	0.0	2.6	2.0	8.9	29.5	1.6	19.5	4.8	0.012	bd	2	0.1	0.0	100	bd	ns
AGSD0036	154	156	AR045881	0.01	0.002	0.0	7	0.0	2.7	2.5	8.8	29.1	1.8	19.3	4.9	0.01	bd	1	bd	0.1	bd	bd	ns
AGSD0036	156	158	AR045882	0.11	0.005	0.1	7	0.0	4.4	11.6	5.6	22.4	8.6	13.3	3.4	0.076	bd	3	0.6	0.1	bd	10	ns
AGSD0036	158	160	AR045883	0.21	0.01	0.1	7	0.1	5.6	19.6	0.5	15.7	19.9	0.4	0.1	0.003	bd	3	1.9	0.0	bd	20	ns
AGSD0036	160	162	AR045884	0.23	0.01	0.1	5	0.1	5.3	21.5	0.3	14.6	23.8	0.3	0.1	0.003	bd	bd	0.6	0.0	bd	10	ns
AGSD0036	162	164	AR045885	0.25	0.01	0.1	4	0.1	5.2	21.8	0.1	14.7	23.6	0.1	bd	0.002	bd	1	0.7	bd	bd	10	ns
AGSD0036	164	166	AR045886	0.26	0.01	0.1	4	0.1	5.2	21.4	0.1	14.8	22.7	0.3	0.1	0.003	bd	1	1.1	bd	bd	20	ns
AGSD0036	166	168	AR045887	0.25	0.009	0.1	4	0.1	4.8	22.8	0.1	15.4	21.0	0.1	0.0	0.009	bd	1	1.2	bd	bd	10	ns
AGSD0036	168	170	AR045888	0.26	0.01	0.1	4	0.1	4.9	22.9	0.1	15.7	19.7	0.1	0.0	0.005	bd	2	1.5	0.0	bd	20	ns
AGSD0036	170	172	AR045889	0.26	0.01	0.1	4	0.1	5.0	22.9	0.1	15.3	20.7	0.0	bd	0.016	bd	2	1.3	bd	bd	20	ns
AGSD0036	172	174	AR045890	0.26	0.01	0.1	3	0.1	4.9	23.0	0.1	14.6	21.9	0.1	bd	0.015	bd	2	1.6	0.0	bd	20	ns
AGSD0036	174	176	AR045891	0.26	0.01	0.1	3	0.1	4.5	22.8	0.0	15.1	20.9	0.1	bd	0.012	bd	1	2	bd	bd	20	ns
AGSD0036	176	178	AR045892	0.26	0.01	0.1	4	0.1	4.4	22.3	0.0	14.9	21.2	0.1	bd	0.013	bd	2	1.7	bd	bd	30	ns
AGSD0036	178	180	AR045893	0.27	0.011	0.1	4	0.3	4.9	22.8	0.1	15.3	20.2	0.1	bd	0.027	bd	2	2	0.0	bd	30	ns
AGSD0036	180	182	AR045896	0.27	0.009	0.1	4	0.1	4.8	22.0	0.0	15.6	19.2	0.1	bd	0.014	bd	3	1.9	bd	bd	20	ns
AGSD0036	182	184	AR045897	0.25	0.009	0.1	3	0.1	5.0	21.3	0.0	15.4	19.0	0.1	0.0	0.05	bd	3	2.2	bd	bd	20	ns
AGSD0036	184	186	AR045898	0.27	0.009	0.1	4	0.1	5.0	22.9	0.0	15.7	18.8	0.1	bd	0.026	bd	2	2.2	0.0	bd	10	ns
AGSD0036	186	188	AR045899	0.28	0.01	0.1	4	0.1	4.9	24.4	0.1	16.0	17.1	0.1	bd	0.014	bd	3	2.2	0.0	bd	10	ns
AGSD0036	188	190	AR045900	0.32	0.014	0.1	4	0.1	5.3	26.5	0.1	17.1	10.9	0.0	bd	0.011	bd	5	1.3	bd	bd	10	ns
AGSD0036	190	192	AR045901	0.32	0.015	0.1	4	0.1	5.7	26.8	0.1	17.8	8.3	0.1	bd	0.004	bd	7	0.7	bd	bd	10	ns
AGSD0036	192	194	AR045902	0.32	0.014	0.1	4	0.1	5.5	27.3	0.1	17.5	8.3	0.1	bd	bd	bd	9	0.4	bd	bd	bd	ns
AGSD0036	194	196	AR045903	0.31	0.014	0.1	4	0.1	5.3	26.2	0.1	17.2	11.0	0.1	bd	0.012	bd	7	0.8	bd	bd	20	ns
AGSD0036	196	198	AR045904	0.29	0.013	0.1	4	0.1	5.2	25.5	0.1	16.4	14.1	0.0	bd	0.002	bd	7	0.4	bd	bd	10	ns
AGSD0036	198	200	AR045905	0.25	0.01	0.1	3	0.1	4.6	22.1	0.1	17.2	16.1	0.1	0.0	0.009	bd	5	2.4	0.0	bd	40	ns

Hole	From (m)	To (m)	Sample number	Ni (%)	Co (%)	Mn (%)	Sc (g/t)	Cr (%)	Fe (%)	Mg (%)	Al (%)	Si (%)	LOI (%)	Nd (ppm)	Pr (ppm)	Au (ppm)	Ag (ppm)	W (ppm	Sb (ppm	Bi (ppm)	Pb (ppm)	As (ppm)	Li (ppm
AGSD0036	200	202	AR045906	0.24	0.01	0.1	3	0.1	4.6	23.6	0.1	16.9	15.9	0.2	0.0	0.005	bd	4	1.3	0.0	bd	30	ns
AGSD0036	202	204	AR045907	0.30	0.012	0.1	4	0.1	5.0	24.6	0.1	17.8	12.6	0.1	0.0	0.003	bd	5	0.8	0.0	bd	10	ns

Appendix 3 – Collated intercepts, Goongarrie South

Parameters used to define nickel, cobalt, scandium intercepts at Goongarrie South

Parameter	Nickel	Cobalt	Scandium
Minimum cut-off	0.50 % Ni	0.08 % Co	50 g/t Sc
Minimum intercept thickness	2 m	2 m	2 m
Maximum internal waste thickness	4 m	4 m	4 m

Nickel, cobalt, and scandium intercepts from new drilling at Goongarrie South

All newly defined cobalt intercepts at Highway, Goongarrie (calculated both from new data and historic data) were calculated using the following parameters:

- Intercepts based on nickel distributions were first calculated using 0.50 % nickel minimum cut-off, 2 m minimum intercept, and 4 m internal waste. Such parameters define broad intercepts that may be cobalt bearing or cobalt poor. Intercepts are considered of interest where cobalt values exceed 0.08%.
- Intercepts based on cobalt distributions are then calculated using a 0.05 % cobalt minimum cut-off, 2 m minimum intercept, and 4 m internal waste. All significant cobalt intercepts are hosted within the broader nickel- based intercepts and tend to define higher-grade, shorter intercepts.
- Where an interval of core loss, through calculation, marked the beginning or end of a mineralised interval, this core loss interval was not included in that mineralisation interval.

Scandium intercepts were defined by using a 50g/t scandium minimum cut-off, a 2 m minimum intercept, and a 4 m internal waste. Scandium intercept distributions do not show a consistent relationship to nickel and cobalt mineralisation and are usually in the shallow subsurface but are only likely to be recovered where nickel and/or cobalt are present. As such, scandium intercepts are only presented where nickel intercepts are defined.

Gold intercepts show no relationship to nickel, cobalt nor scandium mineralisation. Their association appears to be ad hoc.

Hole	Nickel Intercept 0.5%	From	To		Nickel Intercept 1%	From	To
AGSD0029	4m @ 0.741% Ni and 0.05% Co	24	28				
	2m @ 0.67% Ni and 0.024% Co	278	280				
AGSD0030	30m @ 0.92% Ni and 0.051% Co	28	58	*including*	6m @ 1.83% Ni and 0.117% Co	42	48
				and	2m @ 1.22% Ni and 0.027% Co	54	56
	17.37m @ 1.22% Ni and 0.086% Co	126	143.4	*including*	7.37m @ 1.94% Ni and 0.181% Co	136	143.4
	2m @ 0.5% Ni and 0.032% Co	152	154				
	4.8m @ 0.61% Ni and 0.091% Co	160	164.8				
AGSD0031	22m @ 0.79% Ni and 0.026% Co	28	50				
	8m @ 0.82% Ni and 0.042% Co	90	98	*including*	2m @ 1.27% Ni and 0.036% Co	96	98
	2m @ 0.84% Ni and 0.023% Co	118	120				
	18m @ 0.75% Ni and 0.046% Co	130	148	*including*	2m @ 1.58% Ni and 0.142% Co	146	148
	2m @ 0.69% Ni and 0.039% Co	156	158				
AGSD0032	26m @ 1.33% Ni and 0.029% Co	22	48	*including*	20m @ 1.53% Ni and 0.034% Co	28	48
	2m @ 0.72% Ni and 0.06% Co	56	58				
	26m @ 0.75% Ni and 0.032% Co	66	92	*including*	8m @ 1.10% Ni and 0.048% Co	68	76
	4m @ 0.54% Ni and 0.021% Co	98	102				
	12.6m @ 0.71% Ni and 0.04% Co	108	120.6				
AGSD0033	10m @ 0.66% Ni and 0.028% Co	12	22				
	14m @ 0.69% Ni and 0.022% Co	28	42	*including*	2m @ 1.54% Ni and 0.049% Co	38	40
AGSD0034	4m @ 0.52% Ni and 0.03% Co	22	*26*				
	58m @ 1.03% Ni and 0.065% Co	48	106	*including*	38m @ 1.21% Ni and 0.087% Co	66	104
AGSD0035	54m @ 0.67% Ni and 0.05% Co	22	76	*including*	4m @ 1.37% Ni and 0.078% Co	60	64

Table 1: Collated intercepts of nickel (>0.5% Ni) with cobalt including High grade nickel intercepts (1% Ni)

Parameters: Minimum cut off 0.50% Ni and 1% Ni respectfully with minimum intercept thickness 2 m and maximum internal waste thickness 4 m

Hole	Scandium Intercept	From	To
AGSD0030	12m @ 61 ppm Sc	28	40
AGSD0031	10m @ 72 ppm Sc	22	32
AGSD0032	8m @ 77 ppm Sc	20	28
AGSD0033	2m @ 54 ppm Sc	4	6
AGSD0034	16m @ 77 ppm Sc	12	28
AGSD0035	4m @ 55 ppm Sc	16	20

Table 2: Collated intercepts of scandium (>50 ppm Sc)

Parameters: Minimum cut off 50ppm Sc with minimum intercept thickness 2 m and maximum internal waste thickness 4

Appendix 4 - JORC Code, 2012 Edition, Table 1 report

Section 1 Sampling Techniques and Data

(Criteria in this section applies to all succeeding sections)

Criteria	JORC Code explanation	Commentary
Sampling techniques *Note: Due to the similarity of the deposit styles, procedures and estimations used this table represents the combined methods for all Ardea Resources (ARL) Nickel and cobalt Laterite Resources. Where data not collected by ARL has been used in the resource calculations, variances in techniques are noted.*	• *Nature and quality of sampling (e.g. cut channels, random chips, or specific specialised industry standard measurement tools appropriate to the minerals under investigation, such as down hole gamma sondes, or handheld XRF instruments, etc). These examples should not be taken as limiting the broad meaning of sampling.* • *Include reference to measures taken to ensure sample representivity and the appropriate calibration of any measurement tools or systems used.* • *Aspects of the determination of mineralisationthat 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.*	• All holes were sampled "in-principle" on a 2 metre down hole interval basis, with exceptions being made due to visual geological/mineralogical breaks, and end of hole final-lengths. All sampling lengths were recorded in ARL's standard core-sampling record spreadsheets. Sample condition, sample recovery and sample size were recorded for all drill-core samples collected by ARL. • The drill spacing was designed to augment historic drilling. New Ardea core holes were drilled at 4 metres distance to a historic RC hole representing a twin. The drilling will also contribute to provide material for the purpose of metallurgical testwork. • Industry standard practice was used in the processing of samples for assay, with 2m intervals of core collected in calico bags (HQ core was cut into quarters before compositing). As the drilling was within a 2012 JORC-compliant Indicated Ni-Co resource, prior knowledge of the resource peculiarities contributes and assists significantly to current interpretation of mineralisation. • Assay of samples utilised standard laboratory techniques with standard ICP-AES undertaken on 50 gram samples for Au, Pt and Pd, and lithium borate fused-bead XRF analysis used for the remaining multi-element suite. Further details of lab processing techniques are found in Quality of assay data and laboratory tests below.
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).*	• In this most recent program, Ardea drilled the Goongarrie South deposit with 8 diamond drill holes on a varying MGA94 z51 northing grid-spacing of 80m at several localities (see Figure 3). Holes were vertical for laterite(-90 degree dip) and 60 degrees east for gold, designed to optimally intersect the sub-horizontal mineralisation. HQ core samples were collected and stored in impala core trays. Sample condition, sample recovery and sample size were recorded for all drill samples collected by ARL.
Drill sample recovery	• *Method of recording and assessing core and chip sample recoveries and results assessed.* • *Measures taken to maximise sample recovery and ensure representative nature of the samples.* • *Whether a relationship exists between sample recovery and grade and whether sample bias may have occurred due to preferential loss/gain of fine/coarse material.*	• Core sample recovery was recorded by visual estimation of the core sample, expressed as a percentage recovery. Overall estimated recovery was approximately 80%, which is considered to be acceptable for nickel-cobalt laterite deposits. Core measurement calculations were based on driller rod measurements and runs recorded on core blocks. In gold holes testing bedrock shear zones, core recovery was less at 50-70%. • Measures taken to ensure maximum core sample recoveries included conservative drill penetration rates to limit overgrinding and pressure, using water injection to maintain mud lubrication, as well as regular communication with the drillers when variable to poor ground conditions were encountered.
Logging	• *Whether core and chip samples have been geologically and geotechnically logged to a level of detail to support appropriate Mineral Resource estimation, mining studies and metallurgical studies.* • *Whether logging is qualitative or quantitative in nature. Core (or costean, channel, etc) photography.* • *The total length and percentage of the relevant intersections logged.*	• Drilling was undertaken for metallurgical purposes, and twinning comparison with previous historic RC holes.The four angled holes also tested deeper gold targets. The level of logging detail utilised supports this type of review and was as follows: Visual geological logging was completed for all drilling both at the time of drilling (using standard Ardea laterite logging codes), and later over relevant met-sample intervals with a metallurgical-logging perspective. Geochemistry from historic data was used together with logging data to validate logged geological horizons. Nickel laterite profiles contain geochemically very distinct horizons and represent a sound validation tool against visual logging. The major part of the logging system was developed by Heron Resources Limited specifically for the KNP and was designed to facilitate future geo-metallurgical studies. It has been customised by Ardea Resources Limited as considered appropriate for recent developments. Planned drill hole target lengths were adjusted by the geologist during drilling. The geologist also oversaw all sampling and drilling practices. ARL employees and geologists supervised all drilling. Quarter core of all drilling has been retained for reference. • Visual geological logging was completed for all core on 1 metre intervals. The logging system was developed by Heron Resources Limited specifically for the KNP and was designed to facilitate future geo-metallurgical studies. Logging was performed at the time of drilling, and planned drill hole target lengths adjusted by the geologist during drilling. Hand held Niton XRF was also used to cross-check logging and specific rock properties.

Criteria	JORC Code explanation	Commentary
		• The geological legend used by ARL is a qualitative legend designed to capture the key physical and metallurgical features of the nickel-cobalt laterite mineralisation. Logging captured the colour, regolith unit and mineralisation style, often accompaniedby the logging of protolith, estimated percentage of free silica, texture, grain size and alteration. Logging correlated well with the geochemical algorithm developed by Heron Resources Limited for the Yerilla Nickel Project for material type prediction from multi-element assay data. • All material was drilled was logged in detail
Sub-sampling techniques and sample preparation	• *If core, whether cut or sawn and whether quarter, half or all core taken.* • *If non-core, whether riffled, tube sampled, rotary split, etc and whether sampled wet or dry.* • *For all sample types, the nature, quality and appropriateness of the sample preparation technique.* • *Quality control procedures adopted for all sub-sampling stages to maximise representivity of samples.* • *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.* • *Whether sample sizes are appropriate to the grain size of the material being sampled.*	• 2 metre (and rarely 1 metre) composite samples were recovered using an Almonte automatic core saw (quarter core) and placed into a calico sample bag. Sample target weight was between 2 and 3kg. Where friable material was encountered, a chisel system was implemented to avoid core loss. Some moist oxide samples occurred in upper portions of core. • QAQC was employed. A standard, blank or duplicate sample was inserted into the sample stream 10 metres on a rotating basis. Standards were either quantified industry standards, or standards made from homogenised bulk samples of the mineralisation being drilled (in the case of the Ardea Yerilla project). Every 30th sample a duplicate sample was taken using the same sample sub sample technique as the original sub sample. Sample sizes are appropriate for the nature of mineralisation.
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.* • *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.* • *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.*	• All Ardea samples were submitted to Kalgoorlie BV laboratories and transported to BV Perth, where they were pulverised. Analysis at BV Perth was by ICP utilising a 50g charge (lab method PGM-ICP24) for PGM suite elements (Au, Pt, Pd). Additional analysis was undertaken where analysis by silicate fusion / XRF analysis (lab method ME-XRF12n) for multiple grade attributes for laterite ores (Al2O3, As, BaO, CaO, Cl, Co, Cr2O3, Cu, Fe2O3, Ga, K2O, MgO, MnO, Na2O, Ni, P2O5, Pb, Sc, SiO2, SO3, SrO, TiO2, V2O5, Zn, ZrO2). Fusion / XRF analysis is an industry standard method used to analyse nickel laterite ores and BV is a reputable commercial laboratory with extensive experience in assaying nickel laterite samples from numerous Western Australian nickel laterite deposits. • BV routinely inserts analytical blanks, standards and duplicates into the client sample batches for laboratory QAQC performance monitoring. • Ardea also inserted QAQC samples into the sample stream at a 1 in 10 frequency, alternating between blanks (industrial sands) and standard reference materials. Additionally, a review was conducted for geochemical consistency between historically expected data, recent data, and geochemical values that would be expected in a nickel laterite profile. • All of the QAQC data has been statistically assessed. There were rare but explainable inconsistencies in the returning results from standards submitted, and it has been determined that levels of accuracy and precision relating to the samples are acceptable.
Verification of sampling and assaying	• *The verification of significant intersections by either independent or alternative company personnel.* • *The use of twinned holes.* • *Documentation of primary data, data entry procedures, data verification, data storage (physical and electronic) protocols.* • *Discuss any adjustment to assay data.*	• All Ardea samples were submitted to Kalgoorlie BV laboratories and transported to BV Perth, where they were pulverised. Analysis at BV Perth was by ICP utilising a 50g charge (lab method PGM-ICP24) for PGM suite elements (Au, Pt, Pd). Additional analysis was undertaken by sending subsamples to BV Perth where analysis by silicate fusion / XRF analysis (lab method ME-XRF12n) for multiple grade attributes for laterite ores (Al2O3, As, BaO, CaO, Cl, Co, Cr2O3, Cu, Fe2O3, Ga, K2O, MgO, MnO, Na2O, Ni, P2O5, Pb, Sc, SiO2, SO3, SrO, TiO2, V2O5, Zn, ZrO2). Fusion / XRF analysis is an industry standard method used to analyse nickel laterite ores and BV is a reputable commercial laboratory with extensive experience in assaying nickel laterite samples from numerous Western Australian nickel laterite deposits. • BV routinely inserts analytical blanks, standards and duplicates into the client sample batches for laboratory QAQC performance monitoring. • Ardea also inserted QAQC samples into the sample stream at a 1 in 20 frequency, alternating between duplicates splits, blanks (industrial sands) and standard reference materials. • Additionally, a review was conducted for geochemical consistency between historically expected data, recent data, and geochemical values that would be expected in a nickel laterite profile. • All of the QAQC data has been statistically assessed. Ardea has undertaken its own further in-house review of QAQC results of the ALS routine standards, 100% of which returned within acceptable QAQC limits. This fact combined with the fact that the data is demonstrably consistent and repeated for expected Ni/Co values within the lateritic ore profiles of both reported areas and is also consistent with nearby abundant historic drilling data, has meant that the results are considered to be acceptable and suitable for reporting.

Criteria	JORC Code explanation	Commentary
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.* • *Specification of the grid system used.* • *Quality and adequacy of topographic control.*	• All drill holes were surveyed using an RTK DGPS system with either a 3 or 7 digit accuracy. The coordinates are stored in the exploration database referenced to the MGA Zone 51 Datum GDA94. • All holes drilled as part of the Highway program were vertical. No holes weredown-hole surveyed except at EOH. The sub-horizontal orientation of the mineralisation, combined with the soft nature of host material resulted in minimal deviation of vertical diamond drill holes. • The grid system for all models is GDA94. Where historic data or mine grid data has been used it has been transformed into GDA94 from its original source grid via the appropriate transformation. Both original and transformed data is stored in the digital database. • A DGPS pickup up of drill collar locations is considered sufficiently accurate for reporting of resources, but is not suitable for mine planning and reserves.
Data spacing and distribution	• *Data spacing for reporting of Exploration Results.* • *Whether the data spacing and distribution is sufficient to establish the degree of geological and grade continuity appropriate for the Mineral Resource and Ore Reserve estimation procedure(s) and classifications applied.* • *Whether sample compositing has been applied.*	• The drill spacing was designed to augment historic drilling, and the entire program consisted of twinned core holes within 4 metres of historic RC holes. The program to date is part of a broader Definitive Feasibility Study (DFS) program. All proposed drilling has been completed at Highway. • Given the homogeneity of this style of orebody, the spacing is, for bulk-scale metallurgical work and probable mining techniques, considered sufficient. • Samples were collected at 2 metre composites.
Orientation of data in relation to geological structure	• *Whether the orientation of sampling achieves unbiased sampling of possible structures and the extent to which this is known, considering the deposit type.* • *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.*	• Four of the drill holes in this program are vertical and give a true width of the regolith layers and mineralisation within the modelled resource and have sufficient adjoining vertical holes which quantify regolith true thickness • On a local scale, there is some geological variability due to probable shear structure. However, this local variability is not considered to be significant for the project and often increases laterite ore preferentially within and adjacent to the structures. As the detailed shape of the orebody has already been well defined by an abundance of nearby resource drill holes, there is no expected bias to be introduced with reference to mineralised structures. • Orientated core was obtained in limited bedrock zones which indicated a wide range of structures. This is not relevant within the nickel laterite regolith. • The remaining four drill holes in this program were angled. They were designed to delimit possible gold mineralisation within the laterite and at depth. Where pre-existing drill holes were present, these were utilised to assist with delimiting mineralisation. A drill direction of 270° was chosen to drill approximately normal to the indicated direction of gold mineralisation by indictor minerals found in nearby holes • Unfortunately, core loss caused a lack of orientated core in key areas. Causing the orientation of mineralised structures to remain somewhat uncertain. Geological interpretation of the gold potential of the Goongarrie South area continues, but presently interpretations suggest that Ardea's drilling is approximately normal to the controlling structures
Sample security	• *The measures taken to ensure sample security.*	• All samples were collected and accounted for by ARL employees during drilling. All samples were stored in core trays, plastic wrapped and placed on pallets. Samples were transported to Kalgoorlie from logging site by ARL employees and submitted directly to BV Kalgoorlie. • The appropriate manifest of sample numbers and a sample submission form containing laboratory instructions were submitted to the laboratory.

Audits or reviews	• *The results of any audits or reviews of sampling techniques and data.*	• ARL has periodically conducted internal reviews of sampling techniques relating to resultant exploration datasets, and larger scale reviews capturing the data from multiple drilling programmes within the KNP.
		• Internal reviews of the exploration data included the following:
		  • Unsurveyed drill hole collars (less than 1% of collars).
		  • Drill Holes with overlapping intervals (0%).
		  • Drill Holes with no logging data (less than 2% of holes).
		  • Sample logging intervals beyond end of hole depths (0%).
		  • Samples with no assay data (from 0 to <5% for any given project, usually related to issues with sample recovery from difficult ground conditions, mechanical issues with drill rig, damage to sample in transport or sample preparation).
		  • Assay grade ranges.
		  • Collar coordinate ranges
		  • Valid hole orientation data.
		• The BV Laboratory was visited by ARL staff in 2021, and the laboratory processes and procedures were reviewed at this time and determined to be robust.

Section 2 - Reporting of Exploration Results

(Criteria listed in the preceding section also apply to this section.)

Criteria	JORC Code explanation	Commentary
Mineral tenement and land tenure status	• *Type, reference name/number, location and ownership including agreements or material issues with third parties such as joint ventures, partnerships, overriding royalties, native title interests, historical sites, wilderness or national park and environmental settings.* • *The security of the tenure held at the time of*	• The tenement on which the Goongarrie South drilling was undertaken is M29/272. • The tenement and land tenure status for the KNP prospect areas containing continuous cobalt rich laterite mineralization is summarised in Table 3 following and in the Ardea Prospectus, section 9 "Solicitor's Report on Tenements".
Exploration done by other parties	• *Acknowledgment and appraisal of exploration by other parties.*	• The Goongarrie South deposit was initially discovered by Heron Resources Ltd and subsequently drilled by Vale Inco Limited in a Joint Venture.
Geology	• *Deposit type, geological setting and style of mineralization.*	• The KNP nickel-cobalt laterite mineralization developed during the weathering and near surface enrichment of Archaean-aged olivine-cumulate ultramafic units. The mineralization is usually within 60 metres of surface and can be further subdivided on mineralogical and metallurgical characteristics into upper iron-rich material and lower magnesium-rich material based on the ratios of iron to magnesium. The deposits are analogous to many weathered ultramafic-hosted nickel-cobalt deposits both within Australia and world-wide. • Cobalt-rich mineralization is typically best developed in iron-rich material in regions of deep weathering in proximity to major shear zones or transfer shear structures and to a lesser extent as thin zones along the interface of ferruginous and saprolite boundaries at shallower depths proximal to shear structures. • The Cobalt Zone is associated with a distinctive geo-metallurgical type defined as "Clay Upper Pyrolusitic". Mineralogy is goethite, gibbsite and pyrolusite (strictly "asbolite" or "cobaltian wad"). The Cobalt Zones typically occur as sub-horizontal bodies at a palaeo-water table within the KNP (late-stage supergene enrichment). This material is particularly well developed at Goongarrie South. • Significant gold anomalism and gold indictor minerals was discovered within the nickel laterite profile by Ardea and CSIRO. This was the basis for several of the targets in this program
Drill hole Information	• *A summary of all information material to the understanding of the exploration results including a tabulation of the following information for all Material drill holes:* • *easting and northing of the drill hole collar* • *elevation or RL (Reduced Level – elevation above sea level in metres) of the drill hole collar* • *dip and azimuth of the hole* • *down hole length and interception depth* • *hole length.*	• All holes drilled in this most recent program are listed in "Appendix 1 – Collar location data".
Drill hole Information	• *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.*	• All assay data relating to the nickel laterite metals of interest at Goongarrie South, namely cobalt, nickel, Sc, and chromium, are listed in "Appendix 2 – Assay results". Likewise gold and all common gold indicator minerals in the Eastern Goldfields area are included Other elements were assayed but have not been reported here. They are of use and of interest from a scientific and metallurgical perspective, but are not considered material and their exclusion does not detract from the understanding of this report.

Data aggregation methods	• *In reporting Exploration Results, weighting averaging techniques, maximum and/or minimum grade truncations (e.g. cutting of high grades) and cut-off grades are usually Material and should be stated.*
	• *Where aggregate intercepts incorporate short lengths of high-grade results and longer lengths of low-grade results, the procedure used for such aggregation should be stated and some typical examples of such aggregations should be shown in detail.*
	• *The assumptions used for any reporting of metal equivalent values should be clearly stated.*
		• Most drill hole samples have been collected over 2m down hole intervals.
		• All newly defined nickel and cobalt intercepts at Goongarrie South were calculated using the following parameters:
		  • Intercepts based on nickel distributions were first calculated using 0.50 % nickel minimum cut-off, 2 m minimum intercept, and 4 m internal waste. Such parameters define broad intercepts that may be cobalt bearing or cobalt poor. Intercepts are considered of interest where cobalt values exceed 0.08%.
		  • Intercepts based on cobalt distributions are then calculated using a 0.10 % cobalt minimum cut-off, 2 m minimum intercept, and 4 m internal waste. All significant cobalt intercepts are hosted within the broader nickel-based intercepts and tend to define higher-grade, shorter intercepts.
		  • Where core loss was an issue, and where the thickness of core loss was less than the internal waste thickness, grades in zones of core loss were taken as the weighted average of the intervals immediately above and below the core loss interval in question. This provides grade distributions downhole that are consistent with mineralized zones, where nickel and cobalt grades are observed to change gradually rather than randomly downhole. By defining zones of core loss as being of a value between the interval above and the interval below, a similarly smooth transition in grades downhole is achieved. This method of estimated grade in zones of core loss is therefore considered the most suitable means of defining grade in such zones at Goongarrie South.
		  • Where an interval of core loss, through calculation, marked the beginning or end of a mineralized interval, this core loss interval was not included in that mineralization

Criteria	JORC Code explanation	Commentary
		interval. • Sc intercepts were defined by using a 50g/t Sc minimum cut-off, a 2 m minimum intercept, and a 4 m internal waste. Sc intercept distributions do not show a consistent relationship to nickel and cobalt mineralization and are usually in the shallow subsurface. • Assay compositing techniques were not used in this assessment. • No metal equivalent calculations have been used in this assessment.
Relationship between mineralization widths and intercept lengths	• *These relationships are particularly important in the reporting of Exploration Results.* • *If the geometry of the mineralization with respect to the drill hole angle is known, its nature should be reported.* • *If it is not known and only the down hole lengths are reported, there should be a clear statement to this effect (e.g. 'down hole length, true width not known').*	• The nickel-cobalt laterite mineralization at Goongarrie South has a strong global sub-horizontal orientation. • All laterite drill holes are vertical and where a bedrock gold target was tested in the same drill hole, the hole was declined 60 degrees grid east. • The dip and direction of the gold target drillholes were chosen to drill approximately normal to the interpreted strike of the mineralised unit. Based on gold mineralisation and gold indicator minerals found in nearby holes • All drill holes intersect the mineralization at approximately 90°to its orientation
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.*	• Maps and sections of the nickel and cobalt mineralization are shown within the report. Every drill hole on every section drilled is shown.
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.*	• Not applicable to this report. All results are report either in the text or in the associated appendices. Examples of high-grade mineralization are labelled as such.
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 characteristics; potential deleterious or contaminating substances.*	• No other data are, at this stage, known to be either beneficial or deleterious to recovery of the metals reported. Uncertainties surrounding the possibility of recovery of the metals of interest are noted prominently in the report.
Further work	• *The nature and scale of planned further work (e.g. tests for lateral extensions or depth extensions or large-scale step-out drilling).* • *Diagrams clearly highlighting the areas of possible extensions, including the main geological interpretations and future drilling areas, provided this information is not commercially sensitive.*	• Further drilling is likely to be undertaken at Goongarrie South but has not yet been defined. Further drilling could include infill drilling as well as extension of lines to the north and south as appropriate. • Metallurgical assessment of all metals of interest at Goongarrie South will be undertaken during the Definitive Feasibility Study (DFS) which has commenced on the KNP – Goongarrie Hub (previously termed the KNP Cobalt Zone).