

# FINAL ASSAY RESULTS REVEAL GOLD & NICKEL MINERALISATION AT PUOLALAKI

#### HIGHLIGHTS

- **F** Final assays results have now been received from the Phase 1 diamond drilling program completed at the Puolalaki Project in April.
- F Diamond drillhole PUO23005, drilled to 592.4m and targeting a deep FLEM conductor has intersected several zones of significant gold mineralisation within a broader halo of lowergrade gold mineralisation; significant intercepts include:
  - 2.53m @ 5.83g/t Au from 438.77m, Inc. 1.23m @ 9.78g/t Au from 438.77m
  - 9.57m @ 3.82g/t Au from 494.63m
  - 4.50m @ 3.04g/t Au from 513m
  - 1.35m @ 6.82g/t Au from 527.85m
- **T** Diamond drillhole PUO23005 also intercepted low-grade nickel-copper mineralisation within a gabbro host rock; significant intercepts include:
  - 7.05m @ 0.17% Ni, 0.10% Cu from 113m
  - 19.00m @ 0.24% Ni, 0.24% Cu, 0.13g/t Au from 155m
  - 8.00m @ 0.13% Ni, 0.09% Cu from 198m
  - 3.40m @ 0.36% Ni, 0.24% Cu from 226m
- **F** SkyTEM and UAV-mag surveys successfully completed in July with final results expected in early September.

Avira Resources Limited (ASX: AVW) (Avira or the Company) is pleased to advise that final assay results from the diamond drilling at Puolalaki have now been received after lengthy delays from the assay lab. Avira is also pleased to report that the SkyTEM and UAV-mag surveys were also successfully completed during July.

# PUO23005 DISCUSSION

Diamond drillhole PUO23005 was designed to test FLEM target T5 which is an extensive (750m x 150m) late-time FLEM response (10,000SI) possibly associated with a large conductor at depth (>500m). The drillhole reached a total depth of 592.4m without intercepting any units to explain the strong conductor. Subsequent DHEM of PUO23005 returned three main features:

- i. The upper part of the hole (50-100m downhole) matched the expected response from FLEM target T1 which was drill tested with PUO23001 but unable to be DHEM-surveyed due to a stuck water pump. Additional drilling will be required to fully explain the EM target depending on assays.
- ii. A new EM target zone was located between 225-250m downhole, it's predominantly offhole and has a sub-parallel orientation. The depth of the off-hole conductor is coincident with the 0.8m massive sulfide intersection at 227-228m. It's likely PUO23005 might have just clipped the 20,000-40,000SI conductor and a new 300m drillhole has been recommended to test the conductor.



iii. A broad, potential off-hole anomaly near the bottom of the hole (550-600m downhole) consistent with the original FLEM target T5. This feature is unable to be fully explained, possibly due to not enough data. Further work is encouraged including extending this hole by a further 100-200m and more DHEM using a higher-powered loop to maximise the signal response.

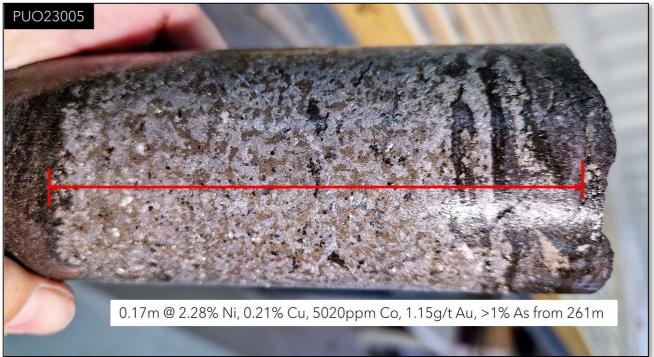
The drillhole intercepted a wide unit of coarse-grained gabbro from ~110-227m downhole, which returned consistent low-grade nickel-copper mineralisation. Higher-grades were clearly associated with an increase in semi-massive to stringer pyrrhotite-chalcopyrite mineralisation (refer Figure 1).



Figure 1: Photograph of drill-core from PUO23005 showing Ni-Cu mineralisation at approx. 169.2-176m downhole.

As in drillhole PUO23002, a narrow vein (refer Figure 2) of high-grade nickel-cobalt-gold-arsenic mineralisation was also intercepted at 261m downhole returning 0.17m @ 2.28% Ni, 0.21% Cu, 5020ppm Co, 1.15g/t Au, >1% As. Although detailed petrographic analysis has not yet been completed on the vein, it is likely that the vein contains cobaltite and nickel arsenide. The main zone of nickel-copper mineralisation does not contain elevated levels of arsenic.





*Figure 2*: Photograph showing a narrow (0.17m) likely cobaltite and nickel-arsenide-bearing vein from PUO23005, approximate depth 261m downhole.

From approximately 290m downhole an alternating sequence of granodiorite-diorite-dolerite was intercepted, the unit is largely homogenous with only minor amounts of shearing and foliation present in some sections and little to no alteration. This unit of intrusives displaying varying degrees of segregation, contains frequent gold-bearing arsenopyrite veining (refer Figure 3) from approximately 342m-530m downhole. A number of the veins returned >10g/t Au with a peak individual assay of 0.58m @ 31g/t Au returned from 494.63m. The best gold intercept returned 9.57m @ 3.82g/t Au from 494.63m.

Despite generous sampling shoulders having been used, a number of the intercepts have begun and ended in gold mineralisation indicating that the gold mineralisation is not simply restricted to the visible arsenopyrite veins but likely also associated with fine-grained, disseminated arsenopyrite. Infill sampling between the mineralised intervals will be carried out in due course.



*Figure 3*: Photograph of drill-core from PUO23005 showing Au-As mineralisation at approx. 514.3-517.8m downhole.



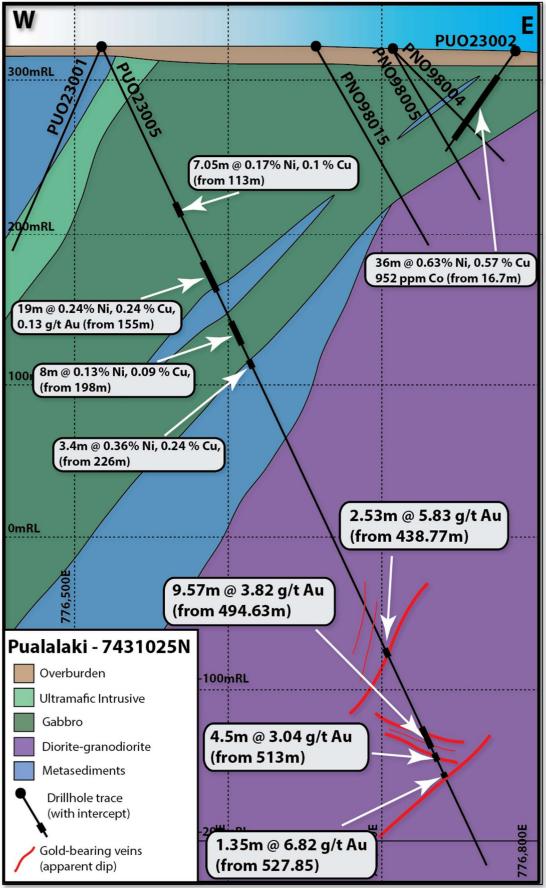


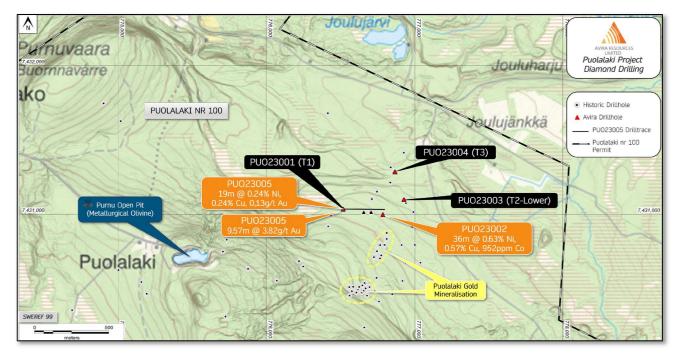
Figure 4: Drillhole cross-section for drillhole PUO23005 showing both nickel and gold mineraiation.



The gold mineralisation intercepted in PUO23005 is located (refer Figure 5) approximately 450m along strike (to the north) from the historic gold mineralisation first identified by LKAB during the 1980's whilst exploring for metallurgical olivine within the Puolalaki gabbro. At least two zones of gold mineralisation have been delineated through shallow diamond drilling (average depth of 85m, deepest hole 151.2m) at Puolalaki where the gold is hosted in gneissic metasedimentary and metavolcanic rocks intruded by granodiorite to tonalite bodies; a sequence of host rocks not dissimilar to the nearby Aitik deposit (2.3Bt @ 0.12g/t Au, 0.2% Cu) owned by Boliden. Scheelite, chalcopyrite and molybdenite often accompany the gold-arsenic mineralisation and visible gold (0.8mm) has been observed. The gold mineralisation is currently open at depth and along strike.

Better gold intercepts<sup>1</sup> from the historic drilling at Puolalaki include:

- PUO28: 2.29m @ 3.15g/t Au
- PUO27: 4m @ 2.14g/t Au
- PUO26: 2.75m @ 14.16g/t Au
- PUO24: 2.65m @ 8.65g/t Au
- PUO23: 2.1m @ 3.94g/t Au
- PNO98003: 7.9m @ 3.9g/t Au



**Figure 5**: Map showing the location of the Avira diamond drillholes with significant intercepts and historic gold mineralisation.

**The Company's Managing Director, David Deloub commented;** "As we approach the first-year anniversary of Avira entering the Puolalaki Project we are proud of what we have managed to achieve in just 10 short months including a FLEM survey, two DHEM surveys, completed a 5-hole diamond drill campaign and associated rehabilitation and lastly flown a SkyTEM and a UAV-mag survey during July. Our hard work has proven fruitful having successfully discovered material nickel-copper-cobalt mineralisation across three separate drillholes to date at Puolalaki and importantly having identified several additional direct mineralisation and geophysical targets to follow-up. The icing on the cake is, without doubt, the unexpected discovery of a potentially significant gold system at depth at Puolalaki."

<sup>&</sup>lt;sup>1</sup> Please refer to AVW ASX Announcement dated 10<sup>th</sup> October 2022 titled "Avira signs agreement to acquire Ni-Cu-Co project in Sweden".



## NEXT STEPS

As we await the final delivery of the SkyTEM and UAV-mag results, work has already commenced on the preparation of the Phase 2 diamond drilling program which will include any anomalies identified through the SkyTEM survey, those anomalies identified through the follow-up DHEM and follow-up drillholes as a result of the Phase 1 diamond drilling program.

### ABOUT THE PROJECT

The Puolalaki Project currently comprises a single exploration permit (Puolalaki nr 100) centered over a syn-orogenic gabbro intrusion that hosts the nickel mineralisation discovered by NAN in 1998<sup>2</sup>. In addition to the Ni-Cu-Co mineralisation at Puolalaki, the project also contains significant, high- grade gold mineralisation across two zones within the metasediments and metavolcanics surrounding the gabbro. The project is located in Sweden's premier Gällivare mining district which is host to Europe's largest open-cut copper mine Aitik, owned by Boliden and to LKAB's Malmberget iron-ore mine.

#### -ENDS-

For, and on behalf of, the Board of the Company, and authorised for release.

David Deloub Executive Director Avira Resources Limited

Shareholders and other interested parties can speak to Mr. Sonu Cheema if they have any queries in relation to this announcement: +618 6489 1600.

**Competent Persons Statement** 

The information in this document that relates to exploration results is based on information compiled by Amanda Scott, a Competent Person who is a Fellow of the Australian Institute of Mining and Metallurgy (Membership No.990895). Amanda Scott is a full-time employee of Scott Geological AB. Amanda Scott has sufficient experience, which is relevant to the style of mineralisation and types of deposits under consideration and to the activity which has been undertaken to qualify as a Competent Person as defined in the 2012 edition of the Australasian Code for Reporting of Exploration Results, Mineral Resources and Ore Reserves (JORC Code). Amanda Scott consents to the inclusion in the report of the matters based on her information in the form and context in which it appears.



# SUMMARY OF DRILL RESULTS

Hole ID	Northing	Easting	Dip	Azi	EOH Depth	Comment	Depth From (m)	Interval (m)	Ni (%)	Cu (%)	Co (ppm)	Au (g/t)
PUO23001	7431036	776517	300°	-65°	158.1		131.39	4.94	0.18	0.08		
PUO23002	7430998	776785	315°	-50°	85.7		16.7	36	0.63	0.57	952	
						Including	23.16	5.84	0.7	0.97	1063	
						Including	35	7	0.7	0.7	1112	
						Including	46.33	6.37	0.8	0.6	1097	
							79	0.4	0.96	0.12	6580	
PUO23003	7431100	776927	270°	-50°	151.6	Not Assayed						
PUO23004	7431286	776866	75°	-60°	100.6	Not Assayed						
PUO23005	7431036	776517	90°	-65°	592.4		113	7.05	0.17	0.10		
							142	6	0.11	0.07		
							155	19	0.24	0.24		0.13
							177	2	0.2	0.16		
							189	5	0.11	0.07		
							198	8	0.13	0.09		
							208	3	0.17	0.11		
							217	2	0.14	0.14		
							226	3.4	0.36	0.24		
							261	0.17	2.28	0.21	5020	1.15
							342	2.33				1
							399	2				4.13
							409	2				1.08
							416.45	1.55				1.22
							425	4.34				0.44
							438.77	2.53				5.83
						Including	438.77	1.23				9.78
							449	1				1.15
							465.9	1.75				1.55
							485	5.75				0.59
							494.63	9.57				3.82
							513	4.5				3.04
							520.6	3.4				1.03
							527.85	1.35				6.82

**Table 1:** Drillhole locations and significant assay results. The reported assays have been length weighted and are downhole widths as true widths are not yet established. A lower arbitrary 0.1% Ni and 0.1g/t Au cut-off is applied, with no top cut applied. High grade intercepts internal to broader zones of mineralisation are reported as included intervals.

<sup>&</sup>lt;sup>2</sup> South Atlantic Resources Ltd (VSE:SCQ) Press Release dated April 22, 1998 "NAN Discovers Copper-Nickel-Cobalt Mineralization in Northern Sweden". North Atlantic Natural Resources AB was a Swedish subsidiary of Vancouver Stock Exchange listed company South Atlantic Resources Ltd.



# JORC CODE, 2012 EDITION - TABLE 1

#### Section 1 Sampling Techniques and Data

(Criteria in this section apply to all succeeding sections.)

Criteria	JORC Code explanation	Commentary
Sampling techniques	<ul> <li>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.</li> <li>Include reference to measures taken to ensure sample representivity and the appropriate calibration of any measurement tools or systems used.</li> <li>Aspects of the determination of mineralisation that are Material to the Public Report.</li> <li>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.</li> </ul>	<ul> <li>Sampling method is half-core sampling of WL76 diamond drill core. Quarter-core sampling utilised where a duplicate sample has been taken.</li> <li>Sampling was carried out using Avira's sampling protocols and QAQC procedures as per industry best practice.</li> <li>Diamond drilling completed using WL76 coring equipment. Drillholes have been sampled on nominal 1m intervals (approx. 3kg/sample) or to geological boundaries where appropriate. All samples have been crushed, dried and pulverised (total prep) to produce a sub sample for multi-element analysis by four acid digest with ICPMS/AES and fire assay and ICP-AES for gold, platinum and palladium.</li> </ul>
Drilling techniques	<ul> <li>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).</li> </ul>	<ul> <li>Diamond drilling completed by Northdrill Oy from Finland.</li> <li>Diamond drilling completed using WL76 core drilling equipment.</li> <li>Drillcore was orientated using a Devicore BBT orientation tool.</li> <li>Downhole surveying completed using a DeviGyro survey instrument.</li> </ul>
Drill sample recovery	<ul> <li>Method of recording and assessing core and chip sample recoveries and results assessed.</li> <li>Measures taken to maximise sample recovery and ensure representative nature of the samples.</li> <li>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.</li> </ul>	<ul> <li>Core recoveries are measured by the drillers for every drill run. The core length recovered is physically measured for each run, recorded and used to calculate the core recovery as a percentage of core recovered. Any core loss is recorded on a core block by the drillers.</li> <li>No additional measures have been taken to maximise sample recovery.</li> <li>A sampling bias has not been determined.</li> </ul>



LIMITED Logging	<ul> <li>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.</li> <li>Whether logging is qualitative or quantitative in nature. Core (or costean, channel, etc) photography.</li> <li>The total length and percentage of the relevant intersections logged.</li> </ul>	<ul> <li>All drillcore has been transported from the drill site to Scott Geological AB located in Malå for cleaning, reconnection of core lengths and measurement of metre marks where required, over the entire hole.</li> <li>Geological logging has been completed on the entire length of all holes.</li> <li>The lithological, alteration and structural characteristic of the core are logged in digital format and following established procedures.</li> <li>All drillholes are photographed.</li> </ul>
Sub-sampling techniques and sample preparation	<ul> <li>If core, whether cut or sawn and whether quarter, half or all core taken.</li> <li>If non-core, whether riffled, tube sampled, rotary split, etc and whether sampled wet or dry.</li> <li>For all sample types, the nature, quality and appropriateness of the sample preparation technique.</li> <li>Quality control procedures adopted for all subsampling stages to maximise representivity of samples.</li> <li>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.</li> <li>Whether sample sizes are appropriate to the grain size of the material being sampled.</li> </ul>	<ul> <li>All samples delivered to ALS Global in Malå where the core was cut and sampled.</li> <li>All samples are half-core except for duplicate samples in which case quarter-core samples have been taken.</li> <li>The sample preparation follows industry best practice sample preparation; the samples are finely crushed with 70% passing &lt;2mm then reduced in a splitter whereby a reject sample and a 250g sample is produced. The 250g sample is then pulverised with 85% passing &lt;75 microns which completely homogenises the sample. A sub-sample of pulp is taken for digestion in a four-acid digest for multielement analysis and fire assay for gold, platinum and palladium.</li> <li>Duplicate sampling has been completed at a rate of approx. 1:40 where practicable; duplicate results for all holes are satisfactory.</li> <li>Certified reference material standards and blanks have been inserted at a rate of approx.1:20 where practicable; standard and blank results for all holes are within accepted limits.</li> <li>The sample sizes are considered appropriate for the type of mineralisation under consideration.</li> </ul>
Quality of assay data and laboratory tests	<ul> <li>The nature, quality and appropriateness of the assaying and laboratory procedures used and whether the technique is considered partial or total.</li> <li>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.</li> <li>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.</li> </ul>	<ul> <li>All samples are assayed using a four-acid digest multi-element suite (48 elements) with ICPOES or ICPMS finish. The acids used are hydrofluoric, nitric, hydrochloric and perchloric with the method approaching near total digest for most elements.</li> <li>All samples are assayed for gold, platinum and palladium by firing a 30g sample with an ICP finish.</li> <li>The analytical methods are considered appropriate for this style of mineralisation.</li> <li>No geophysical tools or handheld instruments were utilised in the preparation of this release.</li> <li>Duplicate sampling has been completed at a rate of approx. 1:40 where practicable; duplicate results for all holes are satisfactory.</li> <li>Certified reference material standards and blanks have been inserted at a rate of approx. 1:20; standard and blank results for all holes are within accepted limits.</li> <li>Laboratory QAQC methods include the insertion of certified reference material standards, blanks, and duplicates.</li> </ul>



LIMITED Verification of sampling and assaying	<ul> <li>The verification of significant intersections by either independent or alternative company personnel.</li> <li>The use of twinned holes.</li> <li>Documentation of primary data, data entry procedures, data verification, data storage (physical and electronic) protocols.</li> <li>Discuss any adjustment to assay data.</li> <li>Accuracy and quality of surveys used to locate drill holes (collar and down-hole surveys), trenches,</li> </ul>	<ul> <li>Determination of the reported downhole interval of mineralisation has been verified by alternative company personnel via electronic photographic data.</li> <li>No twin-hole drilling completed to date at Puolalaki.</li> <li>All geological and location data is currently stored in Excel spreadsheets. Data entry has been by manual input and validation of the small amount of data has been done by checking input on screen prior to saving.</li> <li>No adjustments or calibrations were made to any assay data used in this report.</li> <li>Drillhole locations have been planned using a combination of GIS software packages.</li> <li>Drillhole locations have been determined</li> </ul>
	mine workings and other locations used in Mineral Resource estimation.	using a Garmin handheld GPS unit with an accuracy of +/- 1m. Drill azimuths were laid-
Criteria	JORC Code explanation	Commentary
	<ul> <li>Specification of the grid system used.</li> <li>Quality and adequacy of topographic control.</li> </ul>	<ul> <li>out with a hand-held Suunto compass that has a precision of +/- 0.5 degrees. A compensation of 4°E was applied to compensate for both magnetic declination and meridian convergence.</li> <li>Downhole surveys have been completed using a DeviGyro downhole survey instrument at regular intervals.</li> <li>Grid system is Swedish Coordinate system SWEREF 99.</li> <li>Topographic control has been established by handheld GPS and cross-correlation with digital laser topographic imagery and is considered and is adequate for the greenfields exploration completed.</li> </ul>
Data spacing and distribution	<ul> <li>Data spacing for reporting of Exploration Results.</li> <li>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.</li> <li>Whether sample compositing has been applied.</li> </ul>	<ul> <li>The current data spacing or drill profile separation at Puolalaki is irregular due to the current drillhole targets being geophysical targets.</li> <li>The data spacing and distribution is not currently considered sufficient to establish a good degree of geological and grade continuity.</li> <li>No sample compositing has been applied.</li> </ul>
Orientation of data in relation to geological structure	<ul> <li>Whether the orientation of sampling achieves unbiased sampling of possible structures and the extent to which this is known, considering the deposit type.</li> <li>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.</li> </ul>	<ul> <li>The drillhole orientation is considered appropriate for the sampling completed, with the drill holes drilled perpendicular to the interpreted strike of the geophysical anomalies.</li> <li>The reported mineralised intercepts are downhole widths and are not true widths. The intercepts reported may not represent the true width and should be taken within the context described in the preceding point.</li> <li>Sample bias as a consequence of drilling orientation is considered minimal as this stage of the project.</li> </ul>
Sample security	• The measures taken to ensure sample security.	<ul> <li>The drillcore has been transported from site to a secure logging facility in Malå by a local transport company.</li> </ul>
Audits or reviews	• The results of any audits or reviews of sampling techniques and data.	<ul> <li>No independent audits or review of sampling have been completed to date. Results have been reviewed internally by Mr Ben McCormack (Outlier Geoscience) and no issues have been identified.</li> </ul>



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

Criteria	JORC Code explanation	Commentary
Mineral tenement and land tenure status	<ul> <li>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.</li> <li>The security of the tenure held at the time of reporting along with any known impediments to obtaining a licence to operate in the area.</li> </ul>	<ul> <li>The Puolalaki Project is located in the Gällivare mining district of Sweden and approximately 50m SE of the town of Gällivare.</li> <li>The project comprises a single, granted exploration Permit (Puolalaki nr 100) owned 50% by Scott Geological AB and 50% by Outlier Geoscience Pty Ltd.</li> <li>Avira Resources Ltd is currently earning into the project through the Earn-In Agreement executed in October 2022.</li> <li>The exploration permit is currently in good</li> </ul>
Criteria	JORC Code explanation	Commentary
		standing with no known impediments to exploration.
Exploration done by other parties	<ul> <li>Acknowledgment and appraisal of exploration by other parties.</li> </ul>	<ul> <li>The bulk of the historic exploration at the project was completed by Swedish mining company LKAB during the 1980's through to the early 1990s. During its tenure, LKAB completed diamond drilling, surface geophysics, trenching, BOT drilling, soil sampling and trial mining/metallurgical studies. In 1998, Canadian exploration company NAN completed diamond drilling at the project. In 2003, Swedish exploration company Geoforum AB completed C- horizon soil sampling.</li> </ul>
Geology	<ul> <li>Deposit type, geological setting and style of mineralisation.</li> </ul>	<ul> <li>The Puolalaki Project is located within Palaeoproterozoic rocks of the Fennoscandian Shield.</li> <li>The Precambrian bedrock in northern</li> </ul>
		Sweden includes a ~2.8Ga Archaean granitoid-gneiss basement, which is unconformably overlain by greenstones, porphyries and sedimentary successions aged 2.2-1.9Ga and with 1.9-1.8Ga intrusions.
		<ul> <li>The Puolalaki Project is centred on a package of Paleoproterozoic metavolcanic and metasedimentary rocks which were deposited, deformed and metamorphosed during the Svecofennian orogeny at c. 1.9 Ga.</li> </ul>
		• A crustal-scale, ductile-brittle deformation zone (Nautanen Deformation Zone) transects the area and hosts numerous occurrences of copper ±gold ±iron mineralisation.
		<ul> <li>The bedrock in the project area is dominated by Lina granite, felsic-intermediate-mafic volcanics, sedimentary gneisses and mafic and intermediate intrusives. Dolerite and pegmatite dykes are common.</li> </ul>



- The early Svecokarelian (ca. 1.96-1.87Ga) mafic-ultramafic intrusives largely comprise amphibolitised gabbro, pyroxenite and peridotite-harzburgite. At Puolalaki, the intrusives have been partially serpentinised. Felsic-intermediate intrusives of the same suite largely comprise inhomogeneous, medium-grained granodiorite-dioritetonalite lithologies.
- The Svecofennian (ca. 1.96-1.86Ga) supracrustal rocks (Kiruna-Arvidsjaur Group) in the Puolalaki area comprise gneissic metasediments and felsic-intermediatemafic volcanics.



Criteria	JORC Code explanation	Commentary
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:	• Table 1 in the body of this report summaries the drillhole information.
	• easting and northing of the drill hole collar	
	<ul> <li>elevation or RL (Reduced Level – elevation above sea level in metres) of the drill hole collar</li> </ul>	
	dip and azimuth of the hole	
	down hole length and interception depth	
	hole length.	
	• If the exclusion of this information is justified on the basis that the information is not Material and this exclusion does not detract from the understanding of the report, the Competent Person should clearly explain why this is the case.	
Data aggregation methods	<ul> <li>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.</li> </ul>	<ul> <li>Standard weighted averaging of drill hole intercepts were employed. No maximum or minimum grade truncations were used in the estimation.</li> <li>The reported assays have been length weighted A lower arbitrary 0.1% Ni and</li> </ul>
	<ul> <li>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.</li> </ul>	weighted. A lower arbitrary 0.1% Ni and 0.1g/t Au cut-off is applied, with no top cut applied. High grade intercepts internal to broader zones of mineralisation are reported as included intervals. No top cuts have been applied.
	• The assumptions used for any reporting of metal equivalent values should be clearly stated.	<ul> <li>No metal equivalent values have been used.</li> </ul>
Relationship	• These relationships are particularly important in	Mineralised intercepts reported in this report
between mineralisation widths and intercept	<ul> <li>the reporting of Exploration Results.</li> <li>If the geometry of the mineralisation with respect to the drill hole angle is known, its nature should be reported.</li> </ul>	are downhole widths and true widths have not yet been established.
lengths	<ul> <li>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').</li> </ul>	
Diagrams	<ul> <li>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.</li> </ul>	<ul> <li>Appropriate maps and sections are included in the main body of the report.</li> </ul>
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.	<ul> <li>All significant intercepts above a nominal cut-off grade of 0.1% Ni and 0.1g/t Au have been reported.</li> <li>The report provides the total information available to date and is considered to represent a balanced report.</li> </ul>
Other substantive exploration data	<ul> <li>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.</li> </ul>	All relevant historical exploration data and activities have been reported.



Criteria	JORC Code explanation	Commentary			
Further work	<ul> <li>The nature and scale of planned further work (e.g. tests for lateral extensions or depth extensions or large-scale step-out drilling).</li> <li>Diagrams clearly highlighting the areas of possible extensions, including the main geological interpretations and future drilling areas, provided this information is not commercially sensitive.</li> </ul>	<ul> <li>The company plans to carryout follow-up diamond drilling to test both nickel and gold targets at Puolalaki.</li> </ul>			