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Orion Gold NL

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Issued Capital:

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Options: 91M

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Drilling Confirms New Epithermal System at Chough Prospect – Connors Arc Project, Central Queensland

Substantial alteration system intersected in latest drilling, confirming the discovery of a potentially significant new zone

Highlights:

- **Drilling at the newly identified Chough prospect has intersected a substantial alteration zone associated with epithermal breccia bodies with abundant sulphide mineralisation.**
- **Pervasive silicic epithermal breccias and clay alteration together with abundant fine grained pyrite and arsenopyrite have been intersected.**
- **The holes at Chough have been sited to test below coincident gold-arsenic anomalies in soil and rock-chip sampling.**
- **Drilling continues with the objective of identifying preferential host lithologies and establishing the geometry of the mineralised bodies.**
- **Drilling will shortly move to the Aurora Flats prospect.**

Orion Gold NL (**ASX: ORN**) is pleased to advise that ongoing diamond drilling at its 100%-owned **Connors Arc Epithermal Gold-Silver Project** in central Queensland has intersected highly encouraging structures at the newly identified **Chough Prospect**, confirming the presence of a potentially significant new epithermal system.

Drilling has targeted a number of features identified in mapping and surface sampling at the Chough Prospect including epithermal breccia units with sulphides (Figure 1), low temperature chalcedonic breccia pipes or blows with moss textures in the quartz matrix and epithermal veins.

Although rock-chip and soil sampling have returned significant gold-arsenic anomalism from these features, poor outcrop makes meaningful interpretation problematic. Initial drilling has therefore focused on establishing structural orientations and distribution, or potential concentrations of mineralisation within the broader envelope.

Drilling has intersected interlayered andesite and pervasively altered rhyolite with several breccia units and strong clay alteration of feldspars with significant sulphides present.

Sulphides occur in discrete bands and accumulations both as clots of large pyrite grains and also clusters/clouds of dark, fine-grained sulphides identified in hand specimen as pyrite and arsenopyrite (Figures 1 and 2).

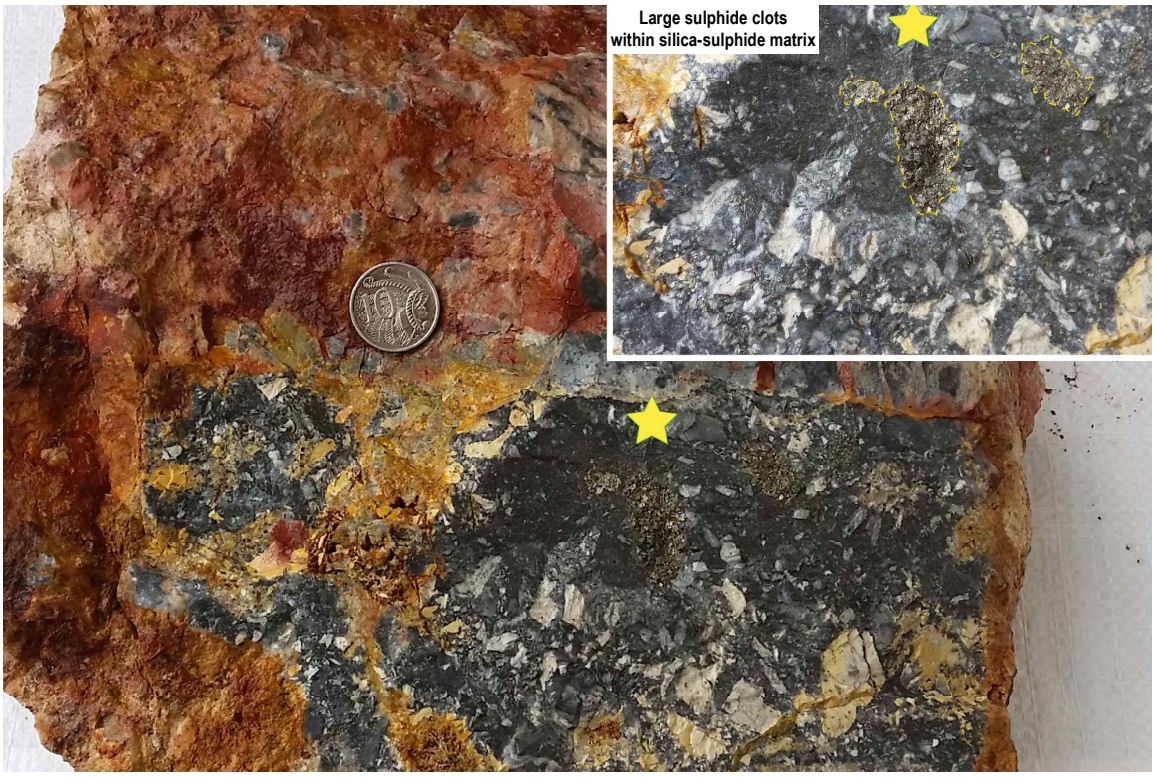

Figure 1: Freshly broken surface sample from Chough Prospect showing a brecciated felsic volcanic in a silica-sulphide matrix. Inset shows large clots of massive sulphide in a silica-sulphide breccia matrix (pyrite and arsenopyrite). Distinctive red iron oxides and yellow jarosite on weathered surface.

Encouragingly very strong quartz-sericite (illite) alteration is noted over wide intervals. This is characteristic of the upper levels of very large epithermal systems and is similar to the alteration observed in the volcanic units above the Vera-Nancy deposit at Pajingo (Evolution Mining Ltd ASX:EVN).

A total of 4 holes for 734.3 metres have been completed to date at the Chough Prospect with drilling still in progress (Figures 3 and 4). All holes to date have intersected the interlayered rhyolite and andesite package including zones of alteration and epithermal veining/brecciation, with substantial sulphides as shown in Figures 1 and 2.

Drilling has focused on the western part of the prospect where the majority of the anomalous assays were returned in rock-chip and soil sampling (Refer Figure 3, Appendices 1 and 2, ASX Release 22 September 2015).

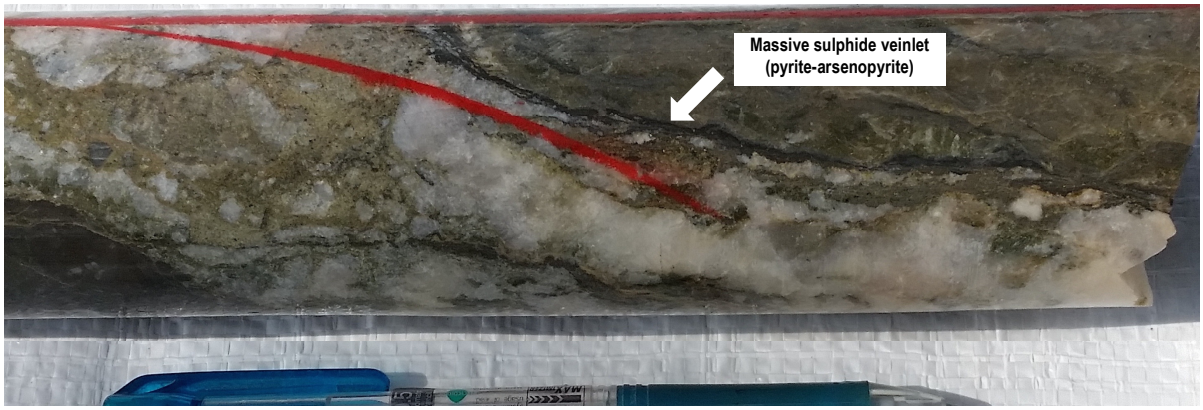

Figure 2: Sample from CHRCD002 at depth of 117 metres. Note sulphide veinlet on contact of epithermal vein / breccia unit.

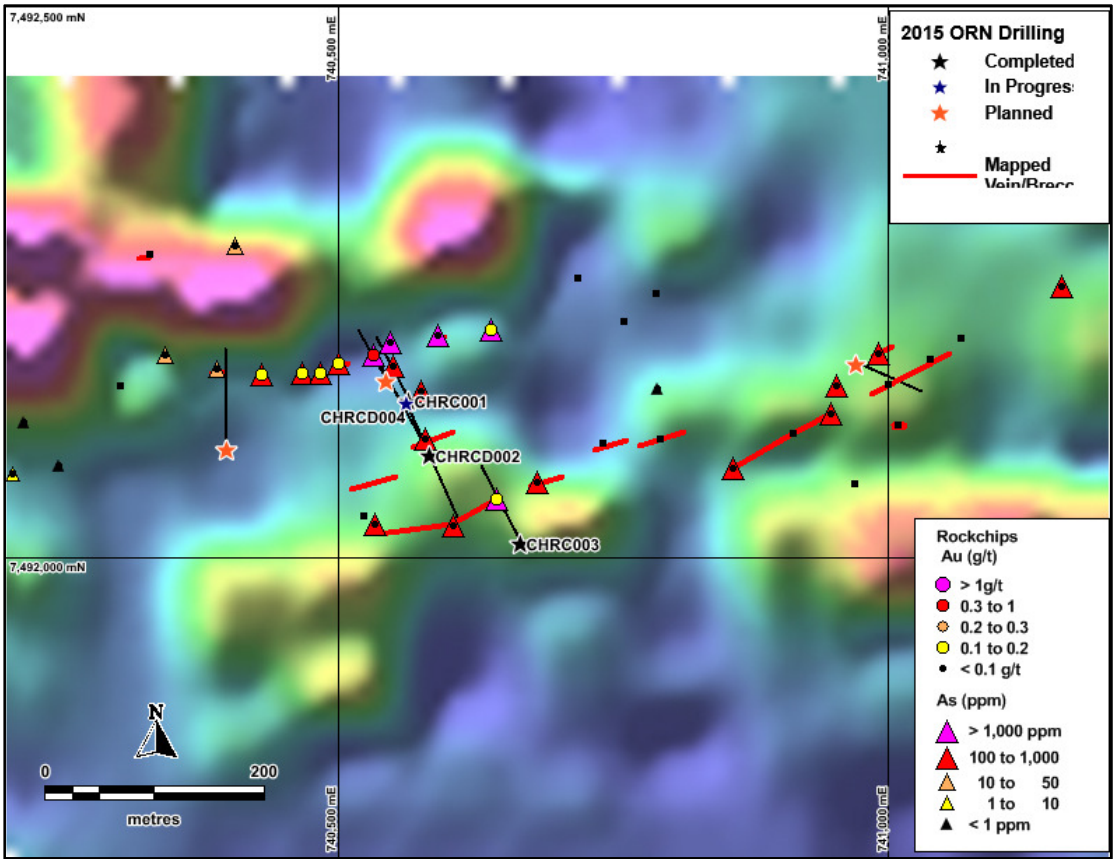

Figure 3: Plan showing location of drillholes at Chough over gridded gold in soil geochemical data. Also shown are mapped epithermal vein outcrops and results from rockchip sampling.

Sampling is underway with assay results for gold and silver anticipated in 2-3 weeks. Detailed geochemical and VNIR-SWIR data will also be collected from the drill-hole samples to enable the epithermal system at Chough to be modelled and compared with the other systems being tested at Veinglorious and Aurora Flats.

Recent traverses in the Chough area have identified large areas of low-temperature silica alteration to the west of the prospect, as well as a large area of clay alteration to the north-east. This suggests that Chough is part of a much larger system (similar to Aurora Flats and Veinglorious).

Detailed mapping of these zones is being carried out in parallel with drilling activities and is ongoing.

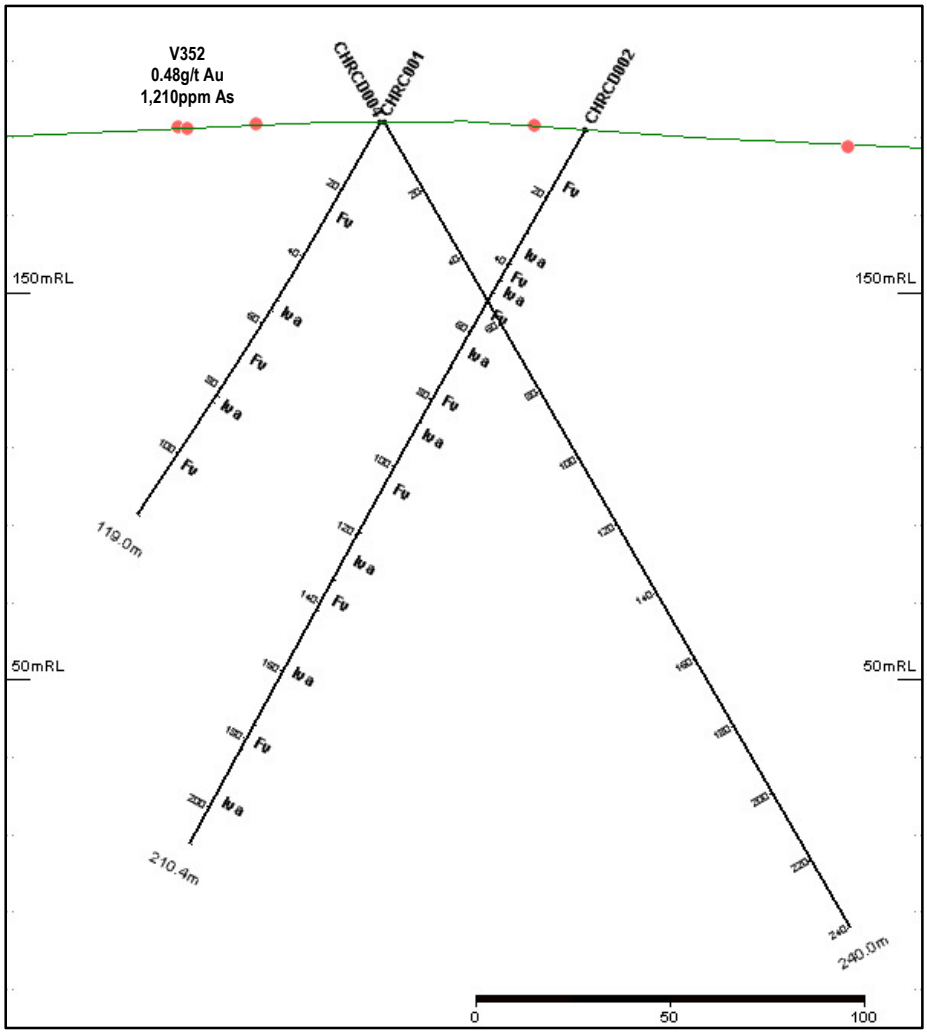

Figure 4: Section showing drilling at the Chough Prospect (refer Figure 3 for location).
NB: Fv = felsic volcanic (rhyolite), Iva = Andesite

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About Orion

Orion Gold is focused on acquiring, exploring and developing large tenement holdings or regional scale mineral opportunities in world-class mineral provinces. The Company has acquired quality projects in proven mineral provinces, including a large tenement package on the Connors Arc in Queensland, where a significant intermediate sulphidation, epithermal gold and silver system has been identified at Aurora Flats. The project lies between the well known Cracow and Mt Carlton epithermal deposits. The Company is increasing its focus on this project, following promising reports from expert consultants, and its fieldwork has led to the discovery of substantial epithermal systems at the Veinglorious and Chough Prospects.

The Company also holds a substantial tenement holding in the Albany-Fraser Belt, host to Australia's two most significant discoveries of the last decade (the Tropicana Gold Deposit and the Nova Nickel-Copper-Cobalt Deposit). Part of this tenement holding was acquired from entities associated with Mark Creasy who is now a significant shareholder in Orion. The project area was previously explored by Western Areas Ltd which identified mafic-ultramafic intrusives within the project area as well as nickel-copper-cobalt-PGE anomalies. Orion's intensive, systematic exploration programs have successfully defined 34 targets to date by a combination of geological, geochemical and geophysical methods.

Recently, the Company secured an outstanding growth and diversification opportunity in the global base metals sector after entering into an option to acquire an advanced volcanic massive sulphide copper-zinc project located in South Africa with near-term production potential. The option gives Orion the right to acquire an effective 73.33% interest in the a portfolio of projects including an exploration project at the Prieska Copper Project, located near Copperton in the Northern Cape province of South Africa, and the Marydale Prospecting Right, a virgin gold discovery of possible epithermal origin, located 60 kilometres from the Prieska Copper Project. The Company is progressing extensive due diligence investigations.

Additionally, the Company owns the Walhalla Project located in Victoria, which is prospective for gold, copper – nickel and PGEs.

The Company has an experienced management team with a proven track record in exploration, development and adding shareholder value.

Competent Persons Statement

The information in this report that relates to Exploration Results at the Connors Arc Project complies with the 2012 Edition of the Australasian Code for Reporting of Exploration Results, Mineral Resources and Ore Reserves (**JORC Code**) and is based on information compiled by Mr Bruce Wilson, a Competent Person who is a Member of the Australian Institute of Geoscientists. Mr Wilson is the Principal of Mineral Man Pty Ltd, a consultant to Orion Gold NL, and has sufficient experience that is relevant to the style of mineralisation and type of deposit under consideration and to the activity being undertaken to qualify as a Competent Person as defined in the 2012 Edition of the JORC Code. Mr Wilson consents to the inclusion in this announcement of the matters based on his information in the form and context in which it appears. The Exploration Results are based on standard industry practises for drilling, logging, sampling, assay methods including quality assurance and quality control measure as detailed in Appendix 3.

Disclaimer

This release may include forward-looking statements. These forward-looking statements are based on management's expectations and beliefs concerning future events. Forward-looking statements inherently involve subjective judgement and analysis and are necessarily subject to risks, uncertainties and other factors, many of which are outside the control of Orion Gold NL. Actual results and developments may vary materially from those expressed in this release. Given these uncertainties, readers are cautioned not to place undue reliance on such forward-looking statements. Orion Gold NL makes no undertaking to subsequently update or revise the forward-looking statements made in this release to reflect events or circumstances after the date of this release.

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Appendix 1: Assay results from rock chip samples at the Chough Prospect.

	Location Data		Assay Data															
Sample ID	Easting (MGA94_55)	Northing (MGA94_55)	Au (ppm)	Ag (ppm)	Al (%)	As (ppm)	Ba (ppm)	Cu (ppm)	K (%)	Li (ppm)	Mn (ppm)	Mo (ppm)	Pb (ppm)	Rb (ppm)	Sb (ppm)	Te (ppm)	Tl (ppm)	Zn (ppm)
V157	741157	7492246	0.07	3.36	1.72	136.5	220	10.1	1.19	60.7	96	90.9	178	59.8	36.4	3.98	0.66	5
V158	740407	7492283	0.008	0.08	1.97	25.5	180	3.7	0.83	30.6	133	14.7	9	59.8	15.45	0.07	0.45	4
V159	741065	7492200	0.006	0.81	1.36	57.5	120	5.9	0.7	59.2	122	6.27	90.3	40.4	26.4	0.42	0.37	6
V160	741037	7492181	0.008	0.19	1.71	97.7	280	3.4	1.36	52.5	132	8.65	37.7	65.7	9.55	0.5	0.75	4
V161	741000	7492158	0.01	0.92	1.64	58.8	390	6.6	1.22	50.8	147	34	190	59.6	14.6	0.52	0.64	16
V162	740990	7492186	0.027	0.47	2.77	160.5	590	2.7	2.56	38.4	99	14.4	18.6	125	8.31	0.3	1.42	3
V163	741009	7492121	0.007	0.21	1.83	99.6	370	3.6	1.42	57.5	162	6.18	22.4	68	9.33	0.28	0.8	3
V164	740969	7492067	-0.002	0.13	0.74	71.1	80	3.5	0.23	57.4	100	5.83	24.6	14.4	13.25	0.96	0.14	-2
V165	740205	7492076	0.013	1.32	0.76	63	90	3	0.2	60.9	178	12.5	52.6	13.5	28.5	2.23	0.13	2
V166	**740329**	**7492276**	**0.054**	**3.25**	**2.67**	**60.4**	**740**	**6**	**1.96**	**40.1**	**181**	**42**	**97.1**	**94.5**	**10.5**	**0.37**	**1.11**	**9**
V167	740390	7492171	-0.002	0.39	2.3	29	110	3.4	0.98	27.6	128	20.8	27.7	59.8	8.83	0.73	0.41	5
V168	**740501**	**7492177**	**0.184**	**8.12**	**1.24**	**610**	**420**	**5.9**	**0.75**	**40.2**	**170**	**23**	**54.8**	**36.9**	**21.7**	**1.36**	**0.42**	**5**
V169	740590	7492202	0.057	4.9	1.41	1055	350	5.9	0.83	38.5	139	65.3	35.9	41.3	13.6	1.29	0.61	5
V170	740579	7492108	0.016	0.66	1.91	235	600	13.5	0.98	46.2	209	48.3	356	56.7	12.45	0.74	0.54	38
V171	740534	7492031	0.032	0.56	1.53	222	410	9.5	0.62	48.9	160	18.3	179.5	36.8	15.75	2.35	0.35	8
V172	740604	7492029	0.029	1.95	1.08	103	210	4.5	0.35	54.2	125	8.5	117.5	21	39.8	2.62	0.25	3
V173	**740644**	**7492053**	**0.194**	**10.95**	**0.6**	**1605**	**300**	**11.4**	**0.35**	**62.4**	**153**	**117**	**356**	**11.9**	**35.7**	**3.07**	**1.59**	**4**
V174	740681	7492068	0.007	0.94	1.36	162.5	170	9.6	0.74	48.3	115	9.79	401	39.9	34.1	0.68	0.46	6
V175	740740	7492104	0.005	0.64	2.04	85.4	230	7.4	1.17	39.8	111	6.14	306	62	56	1.18	0.57	6
V176	740952	7492156	0.022	0.79	2.13	340	420	8.5	1.41	45.2	127	11.15	20.9	69.2	15.9	0.59	0.92	3
V177	740947	7492131	0.024	0.4	2	276	550	3.6	2.02	49.2	82	6.48	22.8	83.5	10.1	0.53	1.16	2
V178	740913	7492113	0.018	0.43	2.47	93.4	750	2.2	2.16	41.1	123	10.55	18.5	98.8	7.43	0.69	1.05	3
V179	740858	7492081	0.031	1.16	1.79	200	610	3.8	1.5	48.5	123	194.5	33	63.2	10.4	0.93	0.98	4
V180	740792	7492108	0.054	0.62	2.8	63.6	430	3.6	1.96	30.9	118	17	141.5	98.3	10.95	0.34	0.88	37

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	Location Data		Assay Data															
Sample ID	Easting (MGA94_55)	Northing (MGA94_55)	Au (ppm)	Ag (ppm)	Al (%)	As (ppm)	Ba (ppm)	Cu (ppm)	K (%)	Li (ppm)	Mn (ppm)	Mo (ppm)	Pb (ppm)	Rb (ppm)	Sb (ppm)	Te (ppm)	Tl (ppm)	Zn (ppm)
V321	749215	740790	-0.002	0.21	6.81	7.7	780	3.1	6.19	12.6	272	0.68	9.2	306	1.22	2.05	3.61	15
V346	**741957**	**7491885**	**0.138**	**0.38**	**3.47**	**21.6**	**280**	**4.5**	**1.56**	**29.8**	**200**	**5.86**	**17.6**	**83.8**	**15.85**	**1.39**	**0.55**	**6**
V347	740302	7492156	0.072	3.15	3.87	75.3	650	5.1	3.22	19.7	154	7.25	29.6	159.5	37.4	0.83	1.56	11
V348	740343	7492184	0.015	1.76	4.28	39.8	1520	19.2	2.83	16.6	205	2.2	88.8	154.5	22.3	0.52	1.41	37
V349	**740430**	**7492167**	**0.134**	**3.07**	**1.12**	**441**	**1570**	**6.8**	**0.62**	**33.7**	**182**	**16.25**	**32.9**	**34.2**	**13.4**	**1.49**	**0.4**	**4**
V350	**740467**	**7492168**	**0.122**	**3.55**	**2.29**	**851**	**840**	**6.6**	**1.83**	**35.1**	**203**	**9.52**	**45.7**	**81.7**	**13.45**	**1.16**	**0.81**	**6**
V351	**740484**	**7492168**	**0.195**	**8.19**	**1.99**	**747**	**1590**	**8.4**	**1.75**	**34.9**	**259**	**28**	**67.3**	**68.9**	**28.8**	**2.4**	**0.95**	**7**
V352	**740532**	**7492184**	**0.475**	**14.5**	**1.57**	**1210**	**590**	**24**	**1.86**	**37.9**	**274**	**80.7**	**69.5**	**65.4**	**20.1**	**2.89**	**1.5**	**5**
V353	740550	7492174	0.091	4.33	3.83	471	1200	7	4.49	22.8	146	30	33.5	177.5	8.45	2.17	1.72	7
V354	740548	7492196	0.076	2.58	3.25	1060	790	6.8	2.78	30.2	183	61.7	54.5	126	16.65	1.93	1.35	7
V355	740575	7492151	0.06	2.56	4	178.5	1170	6.4	4.35	21.9	129	14.3	33.2	171.5	5.68	1.37	1.79	17
V356	**740639**	**7492207**	**0.191**	**14.1**	**1.89**	**1025**	**380**	**9.8**	**1.73**	**36**	**203**	**13.1**	**18.5**	**69**	**19.6**	**0.77**	**1.11**	**6**
V357	740717	7492254	0.017	0.44	5.82	59.9	950	4.6	3.9	6.3	129	4.07	17.2	186	1.69	0.05	1.19	11
V358	740789	7492240	0.044	0.28	5.57	51.4	760	6.3	4.11	10.8	217	6.35	19.5	206	2.58	-0.05	1.35	14
V359	740759	7492215	0.01	0.18	5.32	51.6	1160	4	4.71	16.5	130	23.3	22	207	4.07	0.33	1.48	11
V360	740523	7492038	0.021	0.23	2.56	94	340	7	1.18	25.5	156	4.79	10.5	77.2	38.7	0.49	0.59	8
V361	740205	7492076	0.084	0.45	0.32	6.5	100	11.1	0.09	11.1	180	15.45	12.4	3.8	11.4	0.84	0.07	3

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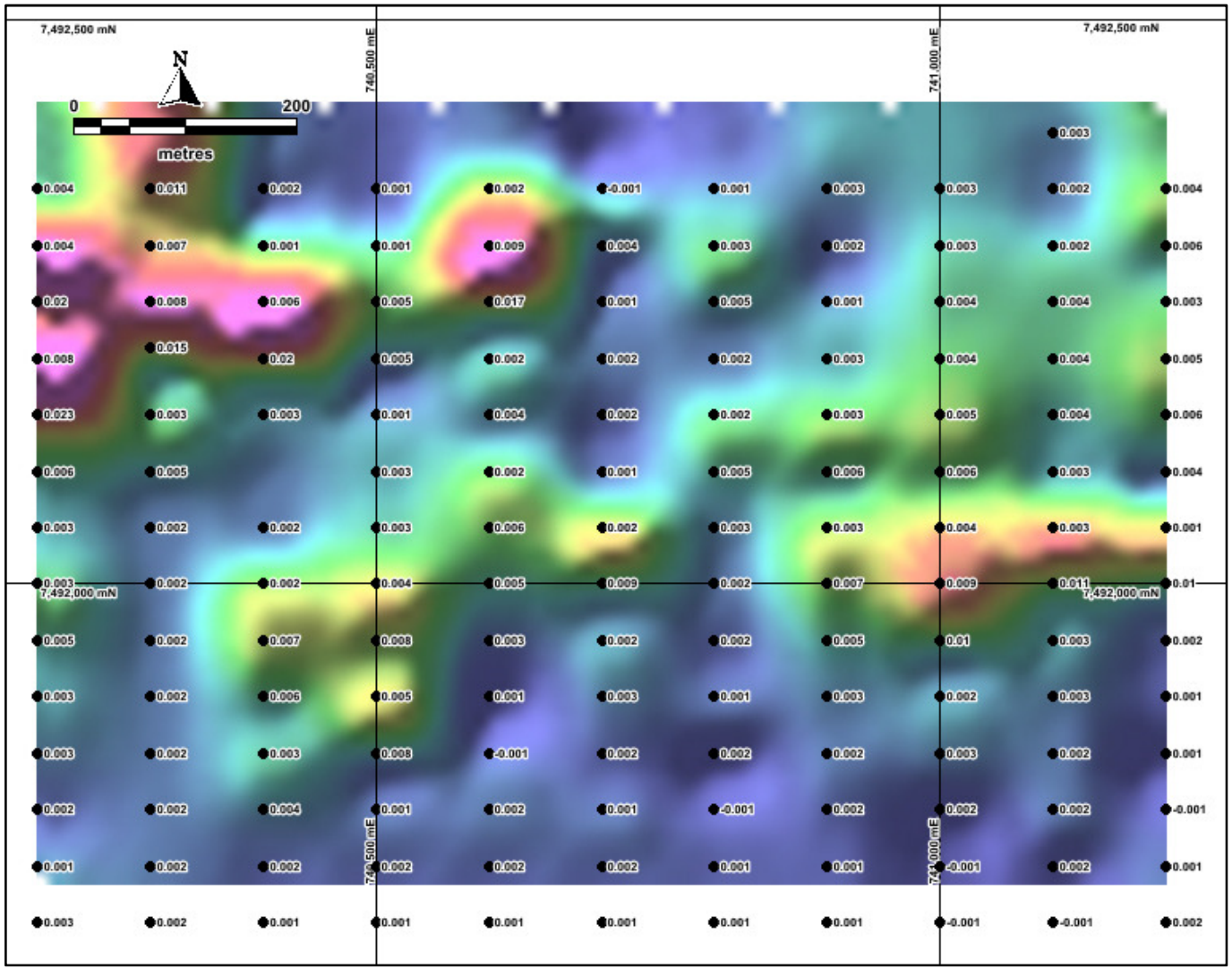
Appendix 2: Soil geochemical assays from Chough Prospect over image generated from gridding results.



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Appendix 3: The following tables are provided to ensure compliant with the JORC Code (2012) requirements for the reporting of Exploration Results.

Section 1 Sampling Techniques and Data

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

Criteria	JORC Code explanation	Commentary
Sampling techniques	• *Nature and quality of sampling (eg cut channels, random chips, or specific specialised industry standard measurement tools appropriate to the minerals under investigation, such as down hole gamma sondes, or handheld XRF instruments, etc). These examples should not be taken as limiting the broad meaning of sampling.* • *Include reference to measures taken to ensure sample representivity and the appropriate calibration of any measurement tools or systems used.* • *Aspects of the determination of mineralisation that are Material to the Public Report.* • *In cases where 'industry standard' work has been done this would be relatively simple (eg '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 (eg submarine nodules) may warrant disclosure of detailed information.*	**Soil sampling:** • Samples taken from subsoil material sieved through -80 mesh sieve. **Rockchip samples:** • Samples with "V" prefix are chip sampling taken from outcropping quartz veins. • Samples with "F" prefix are samples of "float" – rocks lying on surface. • Samples with "S" prefix are taken from outcrops of stockwork veins. • Samples with "BX" prefix are taken from outcrops of breccia veins. • Sampling carried out by consultant geologist. • Samples are chosen for collection and assay at the geologists discretion.
Drilling techniques	• *Drill type (eg core, reverse circulation, open-hole hammer, rotary air blast, auger, Bangka, sonic, etc) and details (eg 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).*	• No drilling results presented so not applicable.
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.*	• No drilling results presented so not applicable.
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*	• Geological observations are noted for each soil and chip sample.

Criteria	JORC Code explanation	Commentary
	costean, channel, etc) photography. • *The total length and percentage of the relevant intersections logged.*	
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.*	• No sub sampling on site. • Sample preparation was undertaken at ALS Laboratory Townsville and Intertek Genalysis Laboratory Townsville, ISO accredited laboratories. Both ALS and Intertek utilises industry best practise for sample preparation for analysis involving drying of samples, crushing to <5mm (for chip samples) and then pulverising so that +85% of the sample passes 75 microns. • Lab supplied CRM's, blanks and replicates are analysed with each batch. Given the reconnaissance nature of the sampling no additional QA/QC measures were undertaken.
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 (eg standards, blanks, duplicates, external laboratory checks) and whether acceptable levels of accuracy (ie lack of bias) and precision have been established.*	**Soil sampling:** • A 30g charge for fire assay is analysed using ICP-AES for Au which is standard industry procedure for first pass exploration. • Soil samples are treated with a four acid digest and analysed using ICP-MS for Ag, As, Bi, Mo, Sb, Te, W. • No external laboratory checks have been carried out at this stage due to the preliminary nature of exploration. It is also too early to identify any bias or similar. **Rockchip samples:** • The primary analytical technique uses an aqua regia digest to maximise the leaching of precious metals from the sample. A 0.25g sub samples is analysed using ICP-MS for Ag, Al, As, Ba, Be, Bi, Ca, Cd, Co, Cr, Cs, Cu, Fe, Ga, Ge, Hf, In, K, La, Li, Mg, Mn, Mo, Na, Nb, Ni, P, Rb, Re, S, Sb, Sc, Se, Sn, Sr, Ta, Te, Th, Ti, Tl, U, V, W, Zn and Zr. • A 30g charge for fire assay is analysed using ICP-AES for Au which is standard industry procedure for first pass exploration. • No external laboratory checks have been carried out at this stage due to the preliminary nature of exploration. It is also too early to identify any bias or similar.
Verification	• *The verification of significant intersections by either independent or*	• No drilling intersections are presented so not applicable.

Criteria	JORC Code explanation	Commentary
of sampling and assaying	*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.*	**Soil sampling:** • Sample location data and geological observations were recorded in the field and manually entered into an Excel spreadsheet. • Data was later transferred into the Company's electronic database by independent Data Management company, Geobase Australia Pty Ltd. The data is exported into formats to be used in Micromine and Mapinfo software for the company. • No adjustment to assay data has been carried out. **Rockchip samples:** • Sample location data and geological observations were recorded in the field and manually entered into an Excel spreadsheet. • Data was later transferred into the Company's electronic database by independent Data Management company, Geobase Australia Pty Ltd. The data is exported into formats to be used in Micromine and Mapinfo software for the company. • No adjustment to assay data has been carried out.
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.*	• Sample locations have been located using handheld GPS with an accuracy of +/- 5 metres which is acceptable for this stage of the project. • No drilling was carried out so no downhole surveys were carried out. • Co-ordinates are presented in MGA94 Zone 55. • Topographic control is based on topographic data derived from public data.
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.*	**Soil sampling:** • Survey carried out at 50m intervals on 100m / 200m spaced lines. **Rockchip samples:** • Rock chip samples were taken randomly at the discretion of the geologist, with the coordinates recorded and reported in Appendix 1. • No compositing has been applied to the exploration results.
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*	**Soil sampling:** • Survey carried out on lines oriented perpendicular to mapped veins. **Rockchip samples:** • Not applicable to this style of sampling due to its reconnaissance nature.

Criteria	JORC Code explanation	Commentary
	sampling bias, this should be assessed and reported if material.	
Sample security	• *The measures taken to ensure sample security.*	• Chain of custody is managed by the Company. Composites were stored on site and then freighted directly to ALS Townsville and Intertek Genalysis Townsville.
Audits or reviews	• *The results of any audits or reviews of sampling techniques and data.*	• No audits or reviews have been carried out at this stage.

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 reporting along with any known impediments to obtaining a licence to operate in the area.*	• EPM/EPMAs 19825, 25122, 25283, 25703, 25708, 25712, 25714, 25763, 25764, 25813, 26003, 26081, 26082 and 26083 are 100% owned by Orion Gold NL. • The Connors Arc Project is overlain by claims by the Barada Kabalbara Yetimarala People and the Barada Barna People. Orion Gold NL has agreed ancilliary agreements with these parties relating to exploration of the Connors Arc Project. • The Connors Arc Project is also overlain by a number of pastoral leases. Orion Gold NL is following all relevant DNRM procedures relating to access and entry in its exploration of the Connors Arc Project. • Over and above its legislative requirements Orion Gold NL is committed to maintaining strong beneficial relationships with stakeholders and landowners in the region and using industry best practise in its exploration.
Exploration done by other parties	• *Acknowledgment and appraisal of exploration by other parties.*	• The Connors Arc Project and adjacent areas was most recently explored by SmartTrans Holdings Ltd (formerly Coolgardie Gold NL) (including periods where joint ventures were formed with Marlborough Gold and Newcrest Mining). The focus of most exploration activities was the Mount Mackenzie deposit, outside Orion's Project area. • Exploration activities across the Project area included surface geochemical sampling, open hole percussion drilling and RC percussion drilling.
Geology	• *Deposit type, geological setting and style of mineralisation.*	• The Connors Arc Project is located in the central portion of the Connors Arc, a "fossil" magmatic arc active during Permo-Carboniferous time. • The target is epithermal gold-silver mineralisation similar to the Cracow and

Orion Gold NL

Criteria	JORC Code explanation	Commentary
		Mt Carlton Deposits.
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:* o *easting and northing of the drill hole collar* o *elevation or RL (Reduced Level – elevation above sea level in metres) of the drill hole collar* o *dip and azimuth of the hole* o *down hole length and interception depth* o *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.*	• No drilling results are presented in this announcement so no drill hole information is provided.
Data aggregation methods	• *In reporting Exploration Results, weighting averaging techniques, maximum and/or minimum grade truncations (eg cutting of high grades) and cut-off grades are usually Material and should be stated.* • *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.*	• No drilling results are presented in this announcement so no drill hole information is provided.
Relationship between mineralisation widths and intercept lengths	• *These relationships are particularly important in the reporting of Exploration Results.* • *If the geometry of the mineralisation 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 (eg 'down hole length, true width not known').*	• No drilling results are presented in this announcement so no drill hole information is provided.
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.*	• Sample location plans shown in Figure 3 and Appendix 2, and all results stated in Appendix 1 and Appendix 2.
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*	• All sample results from rockchip sampling at the Chough Prospect are shown on Figure 3 and listed in Appendix 1. • All sample results from the Company's soil sampling at the Chough Prospect

Criteria	JORC Code explanation	Commentary
	Exploration Results.	are shown in Appendix 2 and a gridded image is used in Figure 3.
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.*	• The Company's previous ASX releases have detailed exploration works on the Connors Arc Project and results/conclusions drawn from these.
Further work	• *The nature and scale of planned further work (eg 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.*	• Drilling currently underway to test these targets. • Other work will consist of further soil sampling, more detailed mapping and geophysics, and extending to adjacent prospects.